

Loureiro Engineering Associates, Inc.

June 22, 1999

US Environmental Protection Agency

JFK Federal Building (HBT) 1 Congress Street Boston, MA 02114

Attn.: Juan Perez

RE: Summary Investigation and Remediation Report - Airport/Klondike Area

Pratt & Whitney, East Hartford, Connecticut

LEA Comm. No. 68VG311

Dear Mr. Perez:

Attached please find four copies of additional information for the above-mentioned report for the Airport/Klondike Area at the Pratt & Whitney facility located at 400 Main Street in East Hartford, Connecticut. The information provided in this package includes the following:

Technical Memorandum 18 Beryllium Contaminated Soil Remediation (New)

The information identified as "New" has not been previously submitted for review. This TM should be added to Volume III of the Technical Memoranda Binders. The information has been separated into four bundles, each complete with a copy of this letter and the above-mentioned information.

If you have any questions or comments concerning the attached information, please contact me at 860-747-6181.

Sincerely,

LOUREIRO ENGINEERING ASSOCIATES, INC.

Thomas J. Salimeno, P.E. Senior Project Manager

Attachments

pc: V. Riva, Pratt & Whitney

TECHNICAL MEMORANDUM 18 BERYLLIUM CONTAMINATED SOIL REMEDIATION

SUMMARY
SITE INVESTIGATION AND REMEDIATION REPORT
AIRPORT/KLONDIKE AREA
AT
PRATT & WHITNEY
EAST HARTFORD, CONNECTICUT
EPA ID No. CTD990672081

Prepared for:

PRATT & WHITNEY
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LEA Comm. No. 68V8124

Table of Contents

		r age
1.	INTRODUCTION	1-1
1.1	Purpose and Objective	1-1
1.2	Background	1-1
1.3	Scope	1-1
1.4	General Geologic and Hydrogeologic Conditions	1-1
2.	METHODOLOGY	2-1
2.1	Description	2-1
2.2	Historical Environmental Investigations	2-2
2.3	Background Soil Sampling	2-3
2.4	Soil Excavations	2-4
	2.4.1Zone 1 Soil Remediation	2-5
	2.4.2Zone 2 Soil Remediation	2-6
	2.4.3Zone 3 Soil Remediation	2-6
	Confirmatory Sampling	2-7
	Soil Disposal	2-8
2.7		2-8
2.8		2-9
	Field Documentation	2-9
2.10	1	2-9
	1 Waste Management	2-10
2.12	2 Health and Safety	2-10
3.	RESULTS	3-1
3.1	Soil, Sediment and Concrete Excavations	3-1
3.2	Confirmatory Sampling	3-1



REFERENCES

TABLES

Table TM18-1	Data Summary, Beryllium Remediation, X-194 Test Stand Area
Table TM18-2	Treated Water Sample Data Summary, X-194 Test Stand Area
Table TM18-3	Area and Sampling Type Identifiers

DRAWINGS

Drawing TM18-1 Beryllium Soil and Sediment Sampling Locations, X-194 Area

ATTACHMENTS

Attachment A Field Documentation, Fuss & O'Neill, Inc.



Acronyms

AEL Averill Environmental Laboratory, Inc.

DEP State of Connecticut Department of Environmental Protection

DOT Department of Transportation

DPH State of Connecticut Department of Public Health

EPA Environmental Protection Agency

F&O Fuss & O'Neill, Inc.

FID Flame Ionization Detector

IDEC Industrial/Commercial Direct Exposure Criteria

LEA Loureiro Engineering Associates, Inc.

M&E Metcalf & Eddy, Inc.
mg/kg milligrams per kilogram
mg/l milligrams per liter
P&W Pratt & Whitney

PCB Polychlorinated Biphenyl PID Photoionization Detector

PPE Personal Protective Equipment
QA/QC Quality Assurance/Quality Control
RSR Remediation Standards Regulation
RDEC Residential Direct Exposure Criteria

RCSA Regulations of Connecticut State Agencies

SOP Standard Operating Procedure SVOC Semivolatile Organic Compound

TM Technical Memoranda

TPH Total Petroleum Hydrocarbons

USTM Unit-Specific Technical Memorandum

μg/kg micrograms per kilogram μg/l micrograms per liter

VCAP Voluntary Corrective Action Program

VOC Volatile Organic Compound





1. INTRODUCTION

1.1 Purpose and Objective

This Technical Memorandum (TM) presents the procedures, methodology and results of the remediation of beryllium contaminated soil in the X-194 Test Stand area of the North Klondike Area at the Airport/Klondike Area (Site) of the Pratt & Whitney (P&W) facility located at 400 Main Street (Main Street facility) in the Town of East Hartford, Connecticut.

1.2 Background

The Airport/Klondike Area is located on the eastern portion of the P&W Main Street facility on the east side of the main plant, north of Brewer Street and south of Silver Lane. The Airport/Klondike Area consists of four study areas that include the North and South Airport Areas and the North and South Klondike Areas. Previous investigations at the Site performed from 1989 through 1993 resulted in the installation and sampling of soil borings, groundwater monitoring wells, and temporary wellpoints throughout the Airport/Klondike Area.

1.3 Scope

This TM covers the procedures, practices, rationale, and results of the remediation of the beryllium contaminated soil in the X-194 Test Stand area employed during the 1995 remedial activities. The methods and techniques discussed are those used by Fuss & O'Neill, Inc. (F&O) during the period from approximately May through June 1995. This TM does not cover the results or methods associated with additional investigations conducted in this area subsequent to the remediation, as these data are discussed in the appropriate Unit-Specific Technical Memorandum (USTM).

1.4 General Geologic and Hydrogeologic Conditions

The geologic and hydrogeologic characteristics of the Site are discussed in detail in the main body of this report. In general, the surficial materials in which the majority of the soil vapor survey points were completed, consist of medium to fine grained sands with trace levels of fine gravels and coarse sands. These sediments are generally post-glacial, fluvial deposits associated with the Connecticut River, although in many places the upper portion of these sediments have been anthropogenically disturbed during on-site construction activities. Beneath the fluvial sediments are glaciolacustrine sediments, primarily laminated silts and clays, associated with glacial Lake Hitchcock. The basal sediment layer over most of the area is glacial till and



stratified drift. Bedrock in the general East Hartford area consists of Triassic Age, interbedded arkoses and basalts. Bedrock in the area has a general slight dip eastward cut by widespread steep faults.

The regional drainage basin is the Upper Connecticut River Basin. Regional flow in the unconsolidated materials in this part of the basin is to the west, towards the Connecticut River. Local groundwater flow is also controlled to some extent by local drainage sub-basins and topography. The upper portion of the unconsolidated sediments serves as the primary aquifer in the area. Groundwater flow in the bedrock is primarily within fractures and fault planes, and to a lesser extent within the rock matrix. The local bedrock aquifer would be adequate as a residential water supply source, but groundwater yields are typically too low to be of commercial or industrial use and the local groundwater quality is classified as GB and therefore would not be appropriate as a drinking water source.





2. METHODOLOGY

This section presents the methods and techniques used to remediate the beryllium contaminated soils, sediments, and concrete in the X-194 Test Stand area in the North Klondike Area at the Site, document field activities, sample handling and custody procedures. These methods were used by LEA, and, to different extents, by other environmental contractors employed at the Site. Reports from previous environmental investigations are referenced as appropriate.

2.1 Description

The X-194 Test Stand was used from approximately 1963 until 1970. From approximately March 1965 until October 1966, the test stand was used for testing of beryllium-based and aluminum-based fuels. Other locations within the area were used for the storage of fuels, polychlorinated biphenyl (PCB)-bearing transformers, capacitors, and miscellaneous equipment, and for the storage of US Government property.

The former X-194 Test Stand, also known as X-448 Test Stand, is located in the North Klondike Area, at the end of the third road south from the North Access Road. The former test cell consisted of the main test building, a control building, and a building commonly referred to as the "block house." The main test building, approximately 47 by 23 feet in size, and the control building, approximately 15 by 40 feet in size, appear to have been constructed of metal panels, based upon a review of the available aerial photographs. Attached to the main test building was an addition housing a wet scrubber. The block house, approximately 10 by 12 feet in size and constructed of concrete blocks, was presumably used for the storage of fuels. An approximately 20 foot by 100 foot man-made settling pond, used to collect the discharges of the wet scrubber, was present in the southeast corner of the area.

Beryllium-based fuels testing reportedly consisted testing tubes of beryllium powder incorporated in a chemical binder, and possibly the testing of beryllium-octane and methylberyllium rocket fuels. Exhaust gases from the testing was reportedly passed through a wet scrubber to remove the beryllium and other contaminants from the exhaust prior to releasing those gases to the atmosphere. The discharges of the wet scrubber were directed to the manmade settling pond, in the southeast corner of the area, after filtration.





2.2 Historical Environmental Investigations

Based upon the potential for releases of beryllium and other contaminants from this unit, historical environmental investigations were conducted in February 1990, and June and July 1993. These investigations were directed toward determining the degree and extent of releases. The February 1990 environmental investigation was performed by Westinghouse Environmental and Geotechnical Services, Inc. (Westinghouse). Two monitoring wells, NK-MW-02 and NK-MW-04, were installed as part of the overall groundwater quality investigation and to determine impacts to groundwater from potential releases from the X-194 Test Stand. During the installation of the monitoring wells soil samples were collected, however the soil samples were not submitted for beryllium analyses. A groundwater sample collected from monitoring well NK-MW-02 was submitted for beryllium analyses. No beryllium was detected in this sample.

Based on the previous use of the site as a storage area for PCB-bearing electrical equipment and the related potential for PCB releases from this unit, and the potential for beryllium releases from the former fuels testing operations, an additional environmental investigation was conducted in June and July 1993. This investigation was conducted by Metcalf & Eddy, Inc. (M&E). This investigation consisted of collecting nine surface soil samples, NK-SS-04, NK-SS-05, and NK-SS-07 through NK-SS-13, and five sediment samples, NK-SD-04 through NK-SD-08. Surface soil samples NK-SS-04 and NK-SS-05 were collected from the southern side of the main test building, near the former wet scrubber. Surface soil samples NK-SS-07 through NK-SS-13 were collected in the general vicinity of the X-194 Test Stand. Sediment samples NK-SD-04 through NK-SD-06 were collected from an unnamed stream which flows south of the X-194 Area. Sediment samples NK-SD-07 and NK-SD-08 were collected from the man-made settling pond on the southeast side of the X-194 Area.

Soil sample NK-SS-04 was submitted for analysis for PCBs. No analytical data were reported for surface soil sample NK-SS-05. Soil samples NK-SS-07 through NK-SS-13 were submitted for analysis of beryllium. Sediment samples NK-SD-04 through NK-SD-08 were submitted for analysis of VOCs, SVOCs, and PCBs.

PCB 1254 was detected in NK-SS-04 at a concentration of 21 milligrams per kilogram (mg/kg). Beryllium was detected in surface soil samples NK-SS-08, NK-SS-10, and NK-SS-11. The highest concentration of beryllium detected was 0.55 mg/kg in surface soil sample NK-SS-10.

Acetone was detected at a concentration of 24 micrograms per kilogram (µg/kg) in sediment sample NK-SD-08. PCB 1254 was detected at a concentration of 360 µg/kg and methylene





chloride was detected at a concentration of 7.7 µg/kg in sediment sample NK-SD-04. Benzo[a]anthracene (BA), benzo[a]pyrene (BAP), benzo[b]fluoranthene (BBF), chrysene (CRYS), fluoranthene (FA), phenanthrene (PHN), and pyrene (PYR) were detected in sediment sample NK-SD-07. The highest SVOC concentration detected was FA at a concentration of 1,300 µg/kg, respectively.

2.3 Background Soil Sampling

In order to evaluate the natural concentration of beryllium in soils in the general vicinity of the X-194 Test Stand, F&O performed background soil sampling and analysis in preparation for the X-194 Test Stand remediation. Based upon a review of the soil types mapped by the Soil Conservation Service (SCS), background soil sampling locations were chosen to represent the soils present in the X-194 Test Stand area prior to construction activities. Soils within the X-194 Area were identified by F&O as Made Land, and Walpole Series Loam. Areas of these two soil types presumed to have been undisturbed by the beryllium fuels testing or other operational activities were identified by F&O for background soils testing.

The area of Walpole Series Loam identified by F&O as representative of background Walpole soils was located in the North Klondike Area, in the subarea designated as the Undeveloped Land Area. The area of Made Land identified by F&O as representative of background Made Land soils was located in the North Klondike Area, east of the explosives storage area.

Based upon the general sampling requirements, background soil sampling locations were field located by F&O personnel. The sampling locations appear to have been either randomly selected in the field or selected as representative of the desired soil type based upon the judgment of the field sampling crew. The background soil sampling locations were recorded on the field sampling data sheets, along with other pertinent information. All background soil samples of Made Land and Walpole Series soils were collected on December 17, 1993. Details of the chain-of-custody, storage and handling, and laboratory submission were unavailable.

The sixteen Walpole Series and Made Land soil samples were collected by removing the vegetative cover or organic soil layer and troweling a sufficient volume of soil for the analytical procedures directly into 4-ounce, glass sample containers with Teflon®-lined lids. At the time of sample collection, field personnel recorded sample identification information, including sample number, time and date of collection, field personnel identification, sampling location identifier, and descriptive information for each sample, including soil type, color, apparent grain size information, moisture content, and other appropriate information. This field sampling





information was recorded on field data sheets by F&O personnel. Copies of the field data sheets are included in TM 4 Background Soil Sampling And Analysis.

All sixteen of the surface soil samples were submitted to Ceimic Corporation for analysis of all 40 CFR 261 Appendix IX metals, including antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, selenium, silver, thallium, tin, vanadium, zinc, and additionally for aluminum, silicon, and sodium. Laboratory reports for these surface soil samples were submitted directly to P&W and only summary analytical information was reported by F&O (F&O, 1994). Background beryllium concentrations reported in the soil samples collected by F&O ranged from ND<0.09 to 0.34 mg/kg.

2.4 Soil Excavations

Beginning in May 1995, F&O supervised remedial activities, on behalf of P&W, to remove surficial soil and sediment contaminated with beryllium. Three areas, or zones, to be remediated were identified: Zone 1 was the area of the former man-made settling pond; Zone 2 was the area of the unnamed stream south of the unit; and, Zone 3 was the area south and to the west of the former main test building. The pond was partly dewatered to permit excavation of the contaminated sediments and soils in Zone 1. These zones are identified on Drawing TM18-1.

The proposed schedule of remediation, as documented in the construction specifications and drawings was as follows:

- 1. "Construction will commence in fall 1994 and is expected to be completed (except of planting and seeding) in winter 1994. Final seeding and planting will be completed by the end of the 1995 spring planting season (June 1, 1995).
- 2. Place haybales and/or silt fencing as shown on plans or where directed by the engineer. Maintain or replace haybales and/or silt fencing as required throughout construction period.
- 3. Install temporary drainage swale diversion dam. Install crushed stone and pumping equipment.
- 4. Remove contaminated soil and water from man-made pond (Zone 1).
- 5. Remove contaminated soil and water from stream with a vacuum type truck (Zone 2).
- 6. Scarify and remove top 1" of concrete (Zone 3).





- 7. Remove contaminated soil from remaining areas indicated on plans.
- 8. Fill man-made pond area (Zone 1) to original bottom elevation with clean sand.
- 9. Replace soil removed from Zone 3 with clean fill and cover with 6" of topsoil to restore original grade. Seed and mulch.
- 10. Stabilize slopes of man-made pond and stream with seed mix and mulch.
- 11. Remove all temporary erosion control devices only after all areas have been stabilized and the site has been inspected and approved by the town."

Approximately 550 cubic yards of contaminated soil and sediment were planned to be removed from the test cell. Soil and sediment excavation was begun in May 1995 and continued until June 1995. The total volume of soil and sediment excavated and disposed of off-site was not reported by F&O. In general, few details regarding the actual sequence of field operations, total volume of materials removed, volume of water diverted, or day-to-day operations were available. Details regarding the remedial activities were garnered from the remedial specifications and plans, the background soil sampling report, and the data compilation provided to P&W by F&O.

2.4.1 Zone 1 Soil Remediation

The area designated Zone 1 for the purposes of the remedial activities was the man-made settling pond in the southeast corner of the area. Remediation of the pond was proposed to begin by installing a temporary dewatering well so that the pond could be partially dewatered. No records of the installation and/or operation of the dewatering well were available.

Zone 1 was intended to remediate an area approximately 20 feet by 100 feet. The remedial action plan proposed removing the upper three feet of sediment in the pond and approximately one foot of soil from a buffer zone surrounding the pond. Clean sand/gravel was to be used to restore the original grade of the pond and 6 inches of topsoil was proposed to restore the buffer zone to its original grade. The size of the buffer zone was not directly reported, but appeared to be approximately 350 square feet, located primarily along the southern and western edge of the pond, based upon the contract drawings.

Copies of the field records associated with the soil and sediment sampling from Zone 1 are included in Attachment A to this TM. Analytical data for the soil and sediment samples





collected during the remediation are summarized in Table TM18-1. The area excavated as part of the remediation is shown on Drawing TM18-1.

2.4.2 Zone 2 Soil Remediation

The area designated Zone 2 for the purposes of the remedial activities was the unnamed stream which flows south of the X-194 Test Stand Area. Remediation of the unnamed stream was initiated by installing by-pass pumping equipment to divert water from upstream of the area of contaminated sediment to downstream of the area of remediation.

According to the contract documents prepared by F&O, the remediation contractor was responsible for obtaining an emergency discharge permit for the discharge of the diverted stream waters. No copy of the permit was included in the post-remediation documentation supplied by F&O to P&W. Based upon the available field records, pre-discharge and effluent water samples were collected by F&O during the remediation. Copies of the field sampling records prepared by F&O are included in Attachment A. Analytical data for the pre-discharge and effluent water samples are summarized in Table TM18-2.

After the by-pass pumping equipment was installed, the contaminated sediment was removed from the stream bed by vacuum extraction using a vacuum truck. The upper 6 inches of soil and sediment were scheduled to be removed from the unnamed stream. The depth of the removal was based on pre-remediation soil and sediment sampling in the stream. The adequacy of the remedial efforts were substantiated through confirmatory sediment sampling.

Copies of the field records associated with the soil and sediment sampling from Zone 2 are included in Attachment A to this TM. Analytical data for the soil and sediment samples collected during the remediation are summarized in Table TM18-1. The area excavated as part of the remediation is shown on Drawing TM18-1.

After completion of the remediation, as determined by the results of the confirmatory sampling, the remedial activities plan called for the installation of a jute mesh placed to fit the line, grade and contours of the stream bed. The stream bed was to be allowed to restore itself naturally.

2.4.3 Zone 3 Soil Remediation

The area designated Zone 3 for the purposes of the remedial activities was the area to the south and west of the former main test building. In this area, the upper 1 foot of soil was proposed for remediation, based upon previous sampling results. In addition, the upper 1 inch of the concrete





pads located in this zone were scarified and removed. Soil excavation in this area was to be accomplished by traditional excavation, and the concrete was to be scarified by a wet process to avoid producing dust.

Copies of the field records associated with the soil and sediment sampling from Zone 3 are included in Attachment A to this TM. Analytical data for the soil and post-remediation concrete samples collected during the remediation are summarized in Table TM18-1. The area excavated as part of the remediation is shown on Drawing TM18-1.

2.5 Confirmatory Sampling

Confirmational sampling was conducted during and after the excavations to establish achievement of the remediation goal. According to the report prepared by F&O (July 1995):

"The target clean-up goal was a beryllium concentration of 0.29 mg/kg based on a statistical calculation of likely background concentrations. At Pratt & Whitney's direction, soils with beryllium concentrations greater than this goal were left in place on the following bases: soils located below the pond following excavation of approximately four feet of sediment; soils located in other areas following excavation to below the water table; and soils located above the water table following excavation but having beryllium concentrations below 0.35 mg/kg. Soils with beryllium concentrations as high as 0.34 mg/kg were observed during background sampling."

Approximately 31 confirmational soil samples, without duplicate samples, were collected in the man-made pond after soil excavation in the dewatered pond. Beryllium concentrations ranged from 4.24 mg/kg to non-detect (ND) at a detection limit of 0.234 mg/kg (ND<0.234 mg/kg). Approximately 22 confirmational soil samples, including 2 duplicates, and 21 sediment samples, including 1 duplicate, were collected after excavation from the unnamed stream which flows to the south of the test cell after soil excavation. Beryllium concentrations in the soil samples ranged from 0.276 mg/kg to ND<0.216 mg/kg.

Beryllium concentrations in the sediment samples collected after dredging of the stream ranged from 0.282 mg/kg to ND<0.221 mg/kg. Approximately 55 soil samples, including 3 duplicates, 6 sediment samples, including 1 duplicate, and 3 concrete samples were collected from the area west of the man-made pond, south of the former main test building. Beryllium concentrations in soil samples from this area ranged from 1.89 mg/kg to ND<0.208. Beryllium concentrations in





sediment samples from this area ranged from ND<0.218 to ND<0.268 mg/kg. Beryllium concentrations in concrete samples from this area ranged from 0.286 to 0.367 mg/kg.

During the soil removals, a concrete building foundation, described as small and approximately 3 feet thick, was encountered. The concrete slab was scarified to remove surficial contamination and concrete chip samples were collected. Beryllium concentrations in chip samples collected from the scarified concrete surfaces ranged from 0.286 mg/kg to 0.367 mg/kg.

The data were compared against the default numeric criteria included in the Connecticut Remediation Standard Regulation (Sections 22a-133k-1 through 22a-133k-3) of the Regulations of Connecticut State Agencies (RCSA) and the site-wide background soil concentrations for beryllium. Because soils were excavated at least to the water-table, and deeper in the area of the man-made pond where dewatering was performed as part of the remedial effort and therefore material above the seasonal high water table was removed, the applicable criteria are the residential direct exposure criteria (RDEC) and the industrial/commercial direct exposure criteria (IDEC), both of which are 2 mg/kg for beryllium.

No beryllium concentrations greater than 2 mg/kg were reported for soils or sediments in the area south of the former main test building or the unnamed stream. Six samples of soil from beneath the upper 4 feet of sediment in the man-made pond had beryllium concentrations exceeding 2 mg/kg. Currently, there are no applicable standards for sediments in the RSR.

2.6 Soil Disposal

All soil, sediment, and concrete removed from the X-194 Test Stand Area was to be placed into US Department of Transportation (DOT) approved shipping containers for off-site disposal. All excavated materials generated as part of this remediation was scheduled to be disposed of through Stablex, Inc. of Quebec, Canada. No manifests or other confirmations of disposal were available.

2.7 Surface Restoration

After completion of the remedial activities, surface restoration work was undertaken to return the ground contours to approximately their original state, prevent erosion of the newly installed clean fill, and promote the growth of vegetation. Surface restoration in Zone 1, the man-made settling pond, consisted of backfilling the area to its original grade with clean gravel. In the excavated buffer zone surrounding the pond, 6 inches of topsoil was applied above the clean gravel backfill. In Zone 2, the unnamed stream, restoration consisted of the installation of a layer of jute mesh in





the stream bed to stabilize the remaining material and allowing natural restoration of the stream bed. In Zone 3, the area to the south and west of the main test cell, surface restoration consisted of backfilling the remediated area with clean gravel topped with 6 inches of topsoil to the approximate former grade.

In Zone 3 and the buffer area of Zone 1, surface restoration also included the application of grass seed and the planting of red maples and silky dogwoods at the rate of one plant per 100 square feet of disturbed area.

2.8 Quality Assurance/Quality Control Samples

Limited Quality Assurance (QA) samples were collected to confirm the reliability and validity of the field data gathered during the investigation activities in the area. Field duplicate samples were collected on selected soil and sediment samples collected during the remediation to provide some measure of laboratory and field sampling reproducibility and precision.

Based upon the fact that only beryllium was analyzed for in the soil, sediment, and concrete chip samples collected during the remediation, no trip blank was deemed necessary. Because dedicated sampling equipment, in the form of disposable, wooden trowels were used to collect the soil, sediment, and concrete chip samples directly into the sample containers, no equipment was deemed necessary.

2.9 Field Documentation

Field documentation provided by F&O (1995) consisted of copies of "Soil Sampling Field Data" forms completed at the time a sample was collected, and selected copies of the field notes recorded by the field personnel. The Soil Sampling Field Data sheets provide space to record the sample location identifier, sample location information, types, quantities, and preservatives added to the sampling containers, and physical descriptive information regarding the sample. Copies of the Soil Sampling Field Data sheets and the available field notes are provided in Attachment A.

2.10 Sample Location Identifiers

Soil borings, monitoring wells, piezometers, stream gauges, surface water and sediment sampling locations, concrete chip sampling locations, and test pits, have been provided with location identifiers using a systematic method to prevent duplication of location identifiers. Performance evaluation samples were identified by unique sample identification numbers and specific sample





type identifiers, but were all assigned the same location identifier of "performance." The system of location identifiers provides a relatively easy means of finding the referenced locations on site maps. All parts of the P&W East Hartford facilities, including the Andrew Willgoos Gas Turbine Laboratory, the Colt Street facility, and the Main Street facility, have been divided into twenty-nine study areas. Each of the study areas has been assigned two-letter identifiers based upon the common name for the area. These two-letter designations are presented in Table TM18-3.

In addition, each type of sampling location has been assigned a two-letter designation to identify the major sample type for a given sampling location. The two-letter designations for the various types of sampling locations are also presented in Table TM18-3. Because of the large areas involved, the study areas that encompass the Airport/Klondike Area include the North and South Airport Areas and the North and South Klondike Areas. All monitoring and sampling locations have been given a location identifier based on their location in the Airport/Klondike Area, the type of sampling or monitoring location, and finally a sequential numeric identifier based upon the specific type of location.

These conventions were not applied completely to the soil, sediment and concrete chip samples collected during the beryllium remediation activities at the X-194 Test Stand Area. The system employed to uniquely identify each sample was as follows: the sample location was prefixed with "NK-X194-"; the type of sample was identified by "S" for soil, "SD" for sediment, or "C" for concrete; and, a sequential sample number was suffixed to the identifier. Duplicate samples collected were given an additional "D" suffix. When multiple samples were collected at the same location, but at different depths during the remediation, additional suffixes, including "B" or "C", were applied to the sample location identifier.

2.11 Waste Management

The soil and sediment excavated during the remedial activities were placed into appropriate containers to await shipping and final disposal. All spent decontamination fluids generated during the field activities for the remediation were reported to have been properly containerized to await characterization and disposal by P&W.

2.12 Health and Safety

Field personnel collected field samples and conducted remedial activities supervision in accordance with the F&O Site Health and Safety Plan that was prepared for all of the investigation activities performed during the remediation activities. Remedial activities



performed by outside contractors were performed in accordance with the contractor's health and safety plan.



3. RESULTS

3.1 Soil, Sediment and Concrete Excavations

A total of approximately 550 cubic yards of contaminated soil, sediment, and concrete was excavated and removed from the X-194 Test Stand Area during May and June of 1995. This total includes the soil and sediment excavated from the man-made settling pond in the southeast corner of the area, the soil and sediment removed from the unnamed stream to the south of the test stand area, and upper 1 inch of concrete removed from the concrete pads located in the area.

Soil and sediment excavation limits were based upon previous sampling for beryllium. Dewatering of the man-made settling pond, and diversion of the waters of the stream were employed to facilitate excavation of sediment in these areas. Confirmatory sampling was performed to establish accomplishing the remedial goals. After successful completion of the remediation, surface restoration was accomplished by backfilling, grading, and seeding, as appropriate, the areas of the man-made settling pond, and the surficial soils in the buffer zone, and by installing a layer of jute mesh to stabilize the bed of the unnamed stream until natural processes could re-establish a suitable stream bed.

All excavated soil, sediment, and concrete was placed into DOT approved shipping containers to await transport to the Stablex, Inc. facility in Quebec, Canada. Decontamination fluids were properly containerized to await disposal through P&W.

3.2 Confirmatory Sampling

Confirmational sampling was conducted during and after the excavations to establish achievement of the remediation goal. According to the report prepared by F&O (1995), analytical data from sediment remaining in the former an-made settling pond indicated beryllium concentrations of ND<0.234 to 4.24 mg/kg. Analytical data for sediments remaining in the unnamed stream indicated beryllium concentrations of ND<0.221 to 0.282 mg/kg. Currently, there are no applicable standards for sediments in the RSR.

Analytical data for post-excavation, confirmatory soil samples collected from the unnamed stream and buffer zone indicated beryllium concentrations ranging from ND<0.216 to 0.276 mg/kg. Analytical data for post-excavation confirmatory soil samples collected from the area west of the former main-made settling pond, south of the main test building indicated beryllium



concentrations in this area ranged from ND<0.208 to 1.89 mg/kg. No exceedances of the default numeric criteria of 2 mg/kg for both the RDEC and IDEC were reported.

Beryllium concentrations in concrete chip samples collected from the scarified concrete surfaces left in place ranged from 0.286 mg/kg to 0.367 mg/kg. Currently, there are no applicable standards for sediments in the RSR.



REFERENCES

Fuss & O'Neill, Inc., June 1995a, Compilation Document – Remediation of Former Test Stand X-194 Area, prepared for Pratt & Whitney.

Fuss & O'Neill, Inc. June 1995b, Data Summary - Remediation of Former Test Stand X-194 Area, prepared for Pratt & Whitney.

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TABLES



Table TM18-1

Data Summary

Beryllium Remediation, X-194 Test Stand Area

Airport/Klondike Area, Pratt & Whitney, East Hartford, Connecticut

Zone 1		Zone 2				Zone 3			
	Beryllium		Beryllium		Beryllium		Beryllium	··	Beryllium
Sampling Location	Conc.								
· ·	(mg/kg)	, ,	(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)
NK-X194-S-001	3.34	NK-X194-SD-033	2.25	NK-X194-S-065	ND<0.243	NK-X194-S-091	ND<0.216	NK-X194-S-115	ND<0.234
NK-X194-S-002	2.33	NK-X194-S-033A	0.433	NK-X194-S-066	ND<0.216	NK-X194-S-092	0.495	NK-X194-S-116	0.345
NK-X194-S-003	2.37	NK-X194-S-033B	ND<0.251	NK-X194-S-067	ND<0.224	NK-X194-S-092A	0.750	NK-X194-S-117	ND<0.236
NK-X194-S-004	0.256	NK-X194-S-033C	ND<0.216	NK-X194-S-068	ND<0.232	NK-X194-S-092B	0.319	NK-X194-S-118	0.734
NK-X194-S-005	1.93	NK-X194-S-033E	ND<0.252	NK-X194-S-068D	ND<0.219	NK-X194-S-093	0.283	NK-X194-S-118A	0.473
NK-X194-S-006	1.55	NK-X194-S-033F	ND<0.271	NK-X194-S-069	ND<0.239	NK-X194-S-094	0.507	NK-X194-S-118B	0.525
NK-X194-S-007	1.94	NK-X194-SD-034	ND<0.259	NK-X194-S-070	ND<0.224	NK-X194-S-094A	0.373	NK-X194-S-118BD	0.456
NK-X194-S-008	4.24	NK-X194-SD-035	0.640	NK-X194-S-071	ND<0.232	NK-X194-S-094B	0.322	NK-X194-S-118C	ND<0.221
NK-X194-S-009	1.94	NK-X194-S-035A	0.276	NK-X194-S-072	ND<0.229	NK-X194-S-095	0.244	NK-X194-S-119	0.574
NK-X194-S-010	0.56	NK-X194-SD-036	ND<0.247	NK-X194-S-073	ND<0.208	NK-X194-S-096	0.371	NK-X194-S-119A	ND<0.231
NK-X194-S-011	1.05	NK-X194-SD-037	0.282	NK-X194-S-074	ND<0.210	NK-X194-S-096A	0.371	NK-X194-S-119D	0.600
NK-X194-S-012	0.260	NK-X194-SD-038	0.373	NK-X194-S-074D	ND<0.236	NK-X194-S-096B	ND<0.235	NK-X194-S-120	0.485
NK-X194-S-013	3.08	NK-X194-S-038A	0.409	NK-X194-S-075	ND<0.224	NK-X194-S-097	ND<0.227	NK-X194-S-120A	ND<0.222
NK-X194-S-014	0.801	NK-X194-S-038B	ND<0.289	NK-X194-S-076	ND<0.227	NK-X194-S-098	ND<0.234	NK-X194-S-121	0.335
NK-X194-S-015	ND<0.256	NK-X194-S-039	ND<0.23	NK-X194-S-077	ND<0.219	NK-X194-S-099	0.306	NK-X194-S-121A	ND<0.226
NK-X194-S-016	ND<0.239	NK-X194-S-040	0.706	NK-X194-S-078	ND<0.227	NK-X194-S-099A	0.327	NK-X194-S-122	0.542
NK-X194-S-017	ND<0.235	NK-X194-S-040A	ND<0.223	NK-X194-S-079	ND<0.219	NK-X194-S-100	ND<0.234	NK-X194-S-122A	0.705
NK-X194-S-018	ND<0.276	NK-X194-SD-041	ND<0.231	NK-X194-S-080	ND<0.217	NK-X194-S-101	ND<0.223	NK-X194-S-122AD	0.226
NK-X194-S-019	ND<0.264	NK-X194-SD-042	0.954	NK-X194-S-081	ND<0.224	NK-X194-S-102	ND<0.220	NK-X194-S-122B	0.521
NK-X194-S-020	0.283	NK-X194-S-042A	ND<0.231	NK-X194-S-082	0.525	NK-X194-S-103	ND<0.213	NK-X194-S-122C	ND<0.223
NK-X194-S-021	ND<0.27	NK-X194-S-042B	ND<0.225	NK-X194-S-082A	0.483	NK-X194-S-104	ND<0.212	NK-X194-S-123	1.1
NK-X194-S-022	0.630	NK-X194-S-042C	ND<0.222	NK-X194-S-082A	0.972	NK-X194-S-105	ND<0.229	NK-X194-S-123A	ND<0.215
NK-X194-S-022A	2.40	NK-X194-S-042E	ND<0.288	NK-X194-S-082B	1.89	NK-X194-S-106	ND<0.209	NK-X194-C-001	0.286
NK-X194-S-023	ND<0.243	NK-X194-SD-043	0.352	NK-X194-S-084	0.381	NK-X194-S-107	ND<0.221	NK-X194-C-002	0.367
NK-X194-S-024	0.237	NK-X194-S-043A	0.291	NK-X194-S-084A	ND<0.227	NK-X194-S-108	ND<0.216	NK-X194-C-003	0.297
NK-X194-S-025	ND<0.264	NK-X194-S-043B	0.379	NK-X194-S-085	ND<0.229	NK-X194-S-109	ND<0.226		
NK-X194-S-026	0.268	NK-X194-S-043C	ND<0.272	NK-X194-S-086	ND<0.209	NK-X194-S-110	ND<0.235		
NK-X194-S-027	0.487	NK-X194-SD-043D	0.474	NK-X194-S-087	ND<0.208	NK-X194-S-111	ND<0.215		
NK-X194-S-027A	ND<0.245	NK-X194-SD-044	ND<0.222	NK-X194-S-088	ND<0.218	NK-X194-S-112	0.779		
NK-X194-S-028	0.237	NK-X194-SD-045	ND<0.223	NK-X194-S-089	0.848	NK-X194-S-112A	0.269		
NK-X194-S-030	ND<0.234	NK-X194-SD-046	0.467	NK-X194-S-089A	ND<0.233	NK-X194-S-113	0.298		
NK-X194-S-031	ND<0.262	NK-X194-S-046A	ND<0.252	NK-X194-S-090	0.43	NK-X194-S-113D	0.281		
NK-X194-S-032	ND<0.241	NK-X194-SD-047	0.271	NK-X194-S-090A	ND<0.231	NK-X194-S-114	0.745		

Table TM18-2

Treated Water Sample Data Summary

Beryllium Remediation, X-194 Test Stand Area Airport/Klondike Area, Pratt & Whitney, East Hartford, Connecticut

Sample ID	Date Sampled	Source	Total Suspended Solids	Beryllium	Chromium	Lead	Zinc	SVOCs
			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
X-194-W-001	05/09/1995	Pre-Discharge	157	0.042	ND<0.050	0.028	0.058	ND
X-194-W-002	05/11/1995	Pre-Discharge	35.5	NA	NA	NA	NA	NA
X-194-W-003	05/12/1995	Effluent	56.5	0.017	ND<0.050	0.010	ND<0.050	ND
X-194-W-004	05/13/1995	Effluent	29.6	0.008	ND<0.050	0.007	0.060	NA
X-194-W-005	05/15/1995	Effluent	25.3	0.008	ND<0.050	ND<0.005	ND<0.050	NA
X-194-W-006	05/16/1995	Effluent	36	0.010	ND<0.050	ND<0.005	0.060	NA
X-194-W-007	05/17/1995	. Effluent	50	0.011	ND<0.050	0.007	ND<0.050	ND
X-194-W-008	05/25/1995	Effluent	23.5	0.005	ND<0.050	ND<0.005	ND<0.050	NA
X-194-W-009	05/30/1995	Effluent	12.5	0.002	ND<0.050	ND<0.005	ND<0.050	NA

Notes: ND - no compounds detected

NA - not analyzed

Table TM18-3 Area and Sampling Type Identifiers Airport/Klondike Areas, Pratt & Whitney, East Hartford, Connecticut

Area	portriondike Areas, Trace	Sampling Type	
Designation	Area	Identifier	Explanation
AB	Within A Building	MW	Monitoring Well
BB	Within B Building	PZ	Piezometer
СВ	Within C Building	SW	Surface Water
DB	Within D Building	SD	Sediment
EB	Within E Building	CC	Concrete Chip
FB	Within F Building	SS	Surface Soil
GB	Within G Building	SB	Soil Boring
HB	Within H Building	TP	Test Pit
JB	Within J Building	PES	Performance Evaluation - Soil
KB	Within K Building	PEW	Performance Evaluation - Water
LB	Within L Building	SPB	Soil Boring: Proposed for Remediation
MB	Within M Building	SRB	Soil Boring: Remediated
CS	Colt Street Facility		
EA	Engineering Area		
ET	Experimental Test Airport		
	Laboratory]	
LM	Area Outside Buildings L		
	and M		
NA	North Airport Area		
NT	North Test Area]	
NW	North Willgoos Area		
PH	Powerhouse Area		
SA	South Airport Area		
SK	South Klondike Area		
ST	South Test Area		
SW	South Willgoos Area		
WT	Waste Treatment Area		
XT	Experimental Test Area		•

ATTACHMENT A

Field Documentation

Fuss & O'Neill, Inc.

Soil Sampling Field Data Client/Project Name: $\rho_{cs}\#: Whitney / X-194$ Project #: 93-221/C7Project Location: &: Hartford: CT Sampling Location

ample #: S = 9505Sample Location Info NK - X/94-S-0/SEnvironmental Field Services Se Map Sample Data Container Quantity Preservative Date: <u>5/8/95</u> Sampler: <u>0.7.</u> We Time: _メナッソリ 11 ((403) IU. Weather: Cla wism Sampling Device: Auger / Core Sampler / Shovel / Split Spoon
Trowel / Other Excusion Field decon: (Yes) No / Dedicated Type of Sample: Grab/ Composite / Other _ escription Data Organic Vapor Reading: Instrument: Core Length: WR Sample Depth: ______ Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Allowon Munsell Color: Moland Villa & Bound Grain Size: Medm Sample Description Foreign Material:

Comments:

Appearance: (lin Son).

Soil Sampling Field Data Client/Project Name: Prat: Whitney / X-194 Project #: 93-221/c7 Project Location: E. Hartford CT Sampling Location

ample #: -S - 9505 | Zone 2/ Sampling Location Environmental Field Services Sample Location Info Nk-X194-S-016 See May. Sample Data Container Quantity Preservative Date: 5/8/95 ((103) IL Weather: Clan Gran Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other Excusion Field decon: (Yes)/NO/ Dedicated Type of Sample: Grab/ Composite / Other escription Data Organic Vapor Reading: 109 Instrument: NA Sample Depth: 4/ Core Length: NA Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Allunan Munsell Color: Molnah Yellah Bons Grain Size: Mulan Sample Description Foreign Material:

adfldsvc\efs\soilfds

Comments:

Appearance: Clam Sand

Soil Sampling Field Data Client/Project Name: Prat : Whitney / X-194 Project #: 93-221/c7 Sampling Location Environmental Imple #: 5 - 9505 Sampling Location Sampling Sam Field Services Sample Location Info NK-X194-3-017 Se Mup Sample Data Container Quantity Preservative Date: <u>5/8/95</u> Time: 15:12 ((103) 1-IL Weather: Char Llar m Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/ Egra vatur Field decon: (Yes) No/ Dedicated Type of Sample: Grab/ Composite / Other _____ escription Data Instrument: MR Sample Depth: 4 4 Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Allovium Munsell Color: Molent Yellsich Brown Grain Size: Melva Sand Sample Description Foreign Material:

Comments:

Appearance: Clean Sand

Soil Sampling Field Data Client/Project Name: $P_{Ca}\#$: Whitney / X-194

Project Location: E. Hartford CT

Sampling Location

The state of the sta Sampling Location Environmental Field Services Sample Location Info NK - XMIN-S-OB See Map Sample Data Container Preservative Quantity Date: _5/8/95 Time: 15:10 ((103) 11 IL Weather: Clean Lkny Sampler: 0.7 Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other Braue for Field decon: (Yes) No / Dedicated Type of Sample: Grab / Composite / Other _____ escription Data Organic Vapor Reading: MA Instrument: 1/12 Core Length: NR Sample Depth: _____ Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Allosion Munsell Color: Moderate Vella, 1 Bour Grain Size: Melin Sure! Sample Description Foreign Material:

adfldsvc\efs\soilfds

Comments:

Appearance: Clim Sin!

Soil Sampling Field Data Client/Project Name: Prat: Whitney / X-194 Project #: 93-221/C7 Project Location: E. Hartford (T Sampling Location mple #: —S —— 9505 Z #/ Sampling Location Environmental Field Services Sample Location Info fa Way Sample Data Container Preservative Quantity Date: <u>5/8/95</u> Time: 15,05 G (403) IL Sampler: 0.7. Weather: Chan alon Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other Excusion Field decon: Yes No Dedicated Type of Sample: Grab/ Composite / Other scription Data Organic Vapor Reading: MA Instrument: Core Length: Sample Depth: _______ Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Allown Munsell Color: Muhak Yellan h Bronn Grain Size: Medium Sund

adfldsvc\efs\soilfds

Comments:

Appearance: Clan Sand

Sample Description Foreign Material:

Soil Sampling Field Data Client/Project Name: Prat : Whitney / X-194 Project #: 93-221/C7 Project Location: E. Hartford CT Sampling Location Environmental imple #: S -9505 Zone #/ Field Services Sample Location Info NK - X/941-5-20 Sac Map Sample Data Container Preservative Quantity Time: 15:04
Weather: Char Clarm Date: <u>5/8/95</u> G- (403) 1-IL Sampler: J.t. Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other Caraco Field decon: (Yes) No Dedicated Type of Sample: Grab/ Composite / Other _____ escription Data Organic Vapor Reading: *VH* Instrument: N.D. Core Length: NA Sample Depth: ______ Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Allusian Munsell Color: Moderale Vella & Bronn Grain Size: Median Sand.

Sample Description Foreign Material: Appearance: Clean Jan!

Comments:

Soil Sampling Field Data Client/Project Name: Prat: Whitney / X-194 Project #: 93-221/c7 Project Location: E. Hartford CT
.mple #: _______ 9505

Sample Location Info NK - XP41-5-21 Sampling Location Environmental Zone#1 Field Services Sample Data Container Quantity Preservative Date: _5/8/95 Time: 11 3 (¿0 (1) mg) 1-IL Sampler: J.F. Weather: Clan Warn Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/Excapator Field decon: (Fes) 150 / Dedicated Type of Sample: Grab/ Composite / Other _____ escription Data Instrument: NR Organic Vapor Reading: 1997 Sample Depth: 4 Core Length: 12 Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.)

Comments:

Appearance:

Allusium

クアドラリ Sample Description Foreign Material: <u>ルタ</u>

Clean Sont

Munsell Color: Moderate Yellor to Boan Grain Size: Medin

Soil Sampling Field Data Client/Project Name: Prat : Whitney / X-194 Project #: 93-221/C7 Sampling Location Environmental Project Location: E. Hartford CT -9505 Zon #1 Field Services Sample Location Info Nk-XP4-5-032 See Map. Sample Data Container Quantity Preservative Date: 5/8/95 ((103) IL Sampler: 5-7: Weather: Can Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other Zaravator Field decon: (Yes)/No/ Dedicated Type of Sample: Grab / Composite / Other _____ escription Data Organic Vapor Reading: MA Instrument: NA Core Length: NA Sample Depth: ______ Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Allouism Munsell Color: Mulitate Yellanh Bon Grain Size: melon Sand 127135/11 Sample Description Foreign Material:

Comments:

Appearance: Clan Sund

Soil Sampling Field Data Client/Project Name: Prat: Whitney / X-194 Project #: 93-221/c7 Sampling Location Environmental Project Location: E. Hartford (T -9505 Zon #1 Field Services ample #: " Sample Location Info NK-X194-5-023 Sa Map Sample Data Container Preservative Quantity Time: 14/157 Date: 5/8/95 ((103) Iu_ Weather: Clean Clasm Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/Encaration Field decon: (Yes)/100/ Dedicated Type of Sample: Grab/ Composite / Other ____ escription Data Organic Vapor Reading: NA Instrument: MA Core Length: NB Sample Depth: 4/ Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Allow. Uns Munsell Color: Moderate Yellarh Bran Grain Size: Medium Sund well sorted Sample Description Foreign Material:

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Appearance:

Comments:

Clear Sund

Soil Sampling Field Data Client/Project Name: Prat : Whitney / X-194 Project #: 93-221/C7 Project Location: E. Hartford CT Sampling Location Environmental imple #: -5 - 1505 Zone#) Field Services Sample Location Info NK - X/941-S-024 See Map. Sample Data Container Quantity **Preservative** Date: 5/8/95 Time: 14/58 G (103) 11 IL Sampler: J.7. Weather: Clean Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other Gravater Field decon: (Yes) No Dedicated Type of Sample: Grab/ Composite / Other _____ escription Data Organic Vapor Reading: MA Instrument: N=B, Sample Depth: 4 Core Length: NR Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Allusion Munsell Color: Molecole Vella: h Brown Grain Size: Medium Sund 1048 961 Sample Description Foreign Material: M. Sand Clean

Comments:

Appearance:

Soil Sampling Field Data Client/Project Name: Prat: Whitney / X-194

Project Location: E. Hartford CT Project #: 93-221/c7 Sampling Location **Environmental** Field Services Sample Location Info NK-X194-S-0825 See Map Sample Data Container Preservative Quantity Date: <u>5/8/95</u> Time: / り35フ G (103) IL Sampler: __J.+: Weather: Clean Worm Sampling Device: Auger / Core Sampler / Shavel / Split Spoon Trowel / Other/ Execution Field decon: (Yes)(No) Dedicated Type of Sample: Grab/ Composite / Other _____ escription Data Organic Vapor Reading: MA Instrument: 1000 Sample Depth: 4 Core Length: NA Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Allusium Munsell Color: Moderate Vellorih Born Grain Size: Medven Son! Sample Description Foreign Material: Appearance: Claun Sand.

Soil Sampling Field Data Client/Project Name: Prat : Whitney / X-194 Project #: 93-221/c7 Project Location: E. Hartford CT
ample #: 5 - 9505 Sampling Location Environmental Zore #1 Field Services Sample Location Info NF - XAH - S-026 Sa Map Sample Data Container Quantity Preservative Date: <u>5/8/95</u> G- (403) IL Weather: _Clan Sampler: J.t. Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other Sacarater Field decon: (Yes)(No) Dedicated Type of Sample: Grab/ Composite / Other _____ escription Data Instrument: NA Core Length: NA Sample Depth: _______ Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Allsium Munsell Color: Moderate fellowsh Brown Grain Size: Medium Sand Sample Description Foreign Material:

Comments:

Appearance: Clean Sand

Soil Sampling Field Data Client/Project Name: Prat : Whitney / X-194 Project #: 93-221/C7 Sampling Location Project Location: E. Hartford CT Environmental -9505 Zone #/ Field Services sample Location Info Nk-X94-S-027 See Map Sample Data Container Preservative Quantity Date: 5/8/95 Time: /4: 452 G- (403) 1/ IL Weather: Class Sampler: J.+ Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/ Example Field decon: (Yes) (No) / Dedicated Type of Sample: Grab/ Composite / Other ____ escription Data Organic Vapor Reading: MA Instrument: MA Core Length: NA Sample Depth: 4 Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Allusium

Munsell Color: Moderate Yelloich Brown Grain Size: Medium

Comments:

Sample Description Foreign Material: NA

Appearance: Clar Clean Sund.

Soil Sampling Field Data Client/Project Name: Prat : Whitney / X-194 Project #: 93-221/c7 Project Location: E. Hartford CT Sampling Location

Imple #: -S - - 9505 Zone #/

Sample Location Info Nh - ×194-5-028 Sampling Location Environmental Field Services Sample Data Container Preservative Quantity Time: 45 14:51
Weather: Clear Warm Date: <u>5/8/95</u> G (103) IL Sampler: ____7. Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other Encauster Field decon: Yes No Dedicated Type of Sample: Grab/ Composite / Other ____ escription Data Organic Vapor Reading: Instrument: NA Core Length: NA Sample Depth: 4 Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Albaism Munsell Color: Moderate Vellouch Brown Grain Size: Medin

Comments:

Appearance:

Sample Description Foreign Material: 1779

Clean San!

Soil Sampling Field Data Client/Project Name: Prat : Whitney / X-194 Project #: 93-221/C7 Project Location: E. Hartford CT Sampling Location imple #: 5 7505 Sampling Location Zone #/ Sampling Location Environmental Field Services Sample Location Info Nk - X1941-5-030 See Map. Sample Data Container Preservative Quantity Time: 141.48 Date: 5/8/95 ((1) 03) IL Weather: Clean Warm Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other Exceuerter Field decon: Yes No Dedicated Type of Sample: Grab/ Composite / Other escription Data Organic Vapor Reading: NA Instrument: AA Core Length: NA Sample Depth: 4 Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Allusium Munsell Color: Moderal Yellow, h Brown Grain Size: Modern Well sorted

Sample Description Foreign Material: NA Sand.

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Appearance:

Comments:

Clean Sund

Soil Sampling Field Data Client/Project Name: Prat : Whitney / X-194 Project #: 93-221/c7 Sampling Location Project Location: E. Hartford CT Environmental Field Services Sample Location Info N - X194-5-031 See Map. Sample Data Container Quantity Preservative Time: 14.75
Weather: Clas Warm Date: 5/8/95 1 ((103) IL Sampler: 0.7. Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other Back How Field decon: (Yes)/No. Dedicated Type of Sample: Grab / Composite / Other escription Data Organic Vapor Reading: NA Instrument: NA Core Length: NA Sample Depth: ______ Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Lacutaine Alluvism Munsell Color: Moderate Yellow h Brown Grain Size: Medium Sand
10413 Py

Sample Description Foreign Material: NA

Comments:

Class Sand

Appearance:

Soil Sampling Field Data Client/Project Name: Prat: Whitney / X-194 Project #: 93-221/c7 Project Location: E. Hartford CT Sampling Location

mple #: \$\frac{-9505}{200}\$

Sample Location Info \(Nk - \chi / 194 - 5 - 032 \) Environmental Field Services See Map Sample Data Container Quantity Preservative Date: <u>5/8/95</u> Time: 14.43 ((103) IL Weather: Clean Sampler: 0.7. Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other B. L. Hoe Field decon: Yes (No) Dedicated Type of Sample: Grab/ Composite / Other _____ ascription Data Organic Vapor Reading: NA Instrument: NA Core Length: NA Sample Depth: 4 Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.)

Munsell Color: Moderate Yellowish Brown Grain Size: Mechan Saml
Sample Description Foreign Material: MA

Comments:

Appearance: Clan San!

Soil Sampling Field Data Client/Project Name: Pra# : Whitney X-194 Project #: 93-221/c7 Sampling Location Project Location: E. Hartford CT **Environmental** Gample #: //k-x194-sp 555 1 2010 #2 Field Services Sample Location Info See Map Sample Data Container Preservative Quantity Date: _5/9/95 Time: 18:10 G (4.1) 工 1-Sampler: <u>DAF</u> Weather: <u>Clean Warm</u> Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/Hard Field decon: Yes / No / Dedicated Type of Sample; Grab / Composite / Other Description Data Organic Vapor Reading: NA Instrument: NA Core Length: NA Sample Depth: _____ Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Altorium Sediment. Grain Size: <u>Median</u>: ogun 2 sit. Munsell Color: 34

adfldsvc\efs\soilfds

Comments:

Sample Description Foreign Material: Organics

Appearance: Sand W/ organize

Soil Sampling Field Data Client/Project Name: Pra# : Whitney X-194 Project #: 93-221/c7 Sampling Location Project Location: E. Harford CT **Environmental** Zone #2 Field Services Sample #: ルト- x194-50-03年 Sample Location Info See Map Sample Data Container Quantity Preservative Date: <u>5/9/95</u> Time: 18:00 G (40) Weather: Clan Warm Sampler: DAF Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/Hand Field decon: Yes / No / Dedicated Type of Sample; Grab / Composite / Description Data Organic Vapor Reading: NA Instrument: NA Sample Depth: _ 6 Core Length: NA Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Alluvium Grain Size: Malin Sun! Munsell Color: Moderat Brown 54834

Comments:

Appearance: Clar Sund

Sample Description Foreign Material: NA, Little organic

Soil Sampling Field Data Client/Project Name: Pra#; Whitney X-194 Project #: 93-221/c7 Sampling Location Project Location: E. Hartford CT Environmental Sample #: NK - X194 - SP 28 H - Zou. #2 Field Services Sample Location Info See Map Sample Data Container Quantity Preservative Time: 18:01
Weather: Clan Warm Date: <u>5/9/95</u> ((40) Sampling Device: Auger / Core Sampler /, Shovel / Split Spoon Field decon Yes / No Dedicated Type of Sample: Grab / Composite / **Description Data** Organic Vapor Reading: NA Instrument: WA Core Length: NA Sample Depth: __6____ Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Alluvium Munsell Color: Miland Brown Grain Size: Milan Sund.

Sample Description Foreign Material: Oppmiss.

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Comments:

Appearance: Sim W/, ganz.

Soil Sampling Field Data Client/Project Name: Pra# : Whitney X-194 Project #: 93-221/c7 Sampling Location Project Location: E. Hartford CT **Environmental** Sample #: NK-X194-SF036 Zore *2 Field Services Sample Location Info See Map Sample Data Container Quantity Preservative Date: <u>5/9/95</u> Time: _17 58 G (40) Weather: Clan Warm Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel LOther Low Field decon: Yes / No / Dedicated) Type of Sample: Grab / Composite / **Description Data** Organic Vapor Reading: NA Instrument: NA Core Length: _____ Sample Depth: ___6 Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Alluvium Munsell Color: Midnight Brown

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Sample Description Foreign Material: Little organics

Grain Size: Medism Sand.

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Appearance: (fem

Soil Sampling Field Data Client/Project Name: Praff: Whitney X-194 Project #: 93-221/c7 Sampling Location Project Location: E. Hartford CT **Environmental** Sample #: NK - X194 - Sp. 034 Zone #2 Field Services Sample Location Info See Map Sample Data Container Quantity Preservative Date: _5/9/95 Time: _/5 55 G (4.1) Weather: Clan Warm Sampler: DAF Sampling Device: Auger / Core Sampler / Shovel / Split Spoon
Trowel / Other / Hand Field decon: Yes / No (Dedicated Type of Sample; Grab / Composite / Description Data Organic Vapor Reading: MA Instrument: NA Core Length: NA Sample Depth: ____6 Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.)

Comments:

Appearance: (Sem

Alluvium

Sample Description Foreign Material: Organis (1006)

Munsell Color: Moderate Board Grain Size: Medium.

Soil Sampling Field Data

Client/Project Name: Pra#: Whitney X-194 Project #: 93
Project Location: E. Hartford CT Sampling Project #: 93-221/C7 Sampling Location Project Location: E. Harford CT Environmental Field Services Sample Location Info See Map Sample Data Container Quantity Preservative Time: _17 S3 Date: <u>5/9/95</u> G (4.1) 1-Sampler: <u>DAF</u> Weather: <u>Clean Warm</u> Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Field decon Yes / No / Dedicated Type of Sample: Grab / Composite / **Description Data** Organic Vapor Reading: NA Instrument: NA Core Length: NA Sample Depth: 6 Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Alluvium Munsell Color: Molent Bran Grain Size: m Sand

57734

Sample Description Foreign Material: Organics.

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Comments:

Appearance: Clim

Soil Sampling Field Data Client/Project Name: Pratt: Whitney X-194 Project #: 93-221/c7 Sampling Location Project Location: E. Harford CT Environmental Sample #: NK-X194-SD 057 2012 Zonx #2 Field Services Sample Location Info See Map Sample Data Container Quantity Preservative Date: <u>5/9/95</u> Time: 17:48 G (40) 工 1/ Weather: Clean Warm Sampler: <u>DAF</u> Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other / fland Field decon: Yes / No / Dedicated Type of Sample: Grab / Composite / Description Data Organic Vapor Reading: NA Instrument: NA Core Length: NA Sample Depth: ___6^ Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Alluvium Munsell Color:

| Offith State | Grain Size: Malum. |
| Offith | Sample Description Foreign Material: Organis Appearance: Claw

Soil Sampling Field Data Client/Project Name: Pra# : Whitney X-194 Project #: 93-221/c7 Project Location: E. Harford CT Sampling Location Environmental Sample #: ルメ-メ194 - か 040 - ** ファ・サン Field Services Sample Location Info See Map Sample Data Container Preservative Quantity Date: 5/9/95 Time: 17 45 G (40) Sampler: <u>DAF</u> Weather: <u>Clan Warm</u> Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other / Hand Field decon: Yes / No Dedicated Type of Sample; Grab / Composite / Description Data Organic Vapor Reading: NA Instrument: NA Core Length: NA Sample Depth: ___6 Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Alluvium Munsell Color: Moderal Juliant Brown Grain Size: M. Sand.

Sample Description Foreign Material: Organic.

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Appearance: (leav

Soil Sampling Field Data Client/Project Name: Praff : Whitney X-194 Project #: 93-221/c7 Sampling Location Project Location: E. Harford CT **Environmental** Sample #: NK-X194-57-041 - Zom Field Services Sample Location Info See Map Sample Data Container Quantity Preservative Date: <u>5/9/95</u> G (40) Weather: Clean Warm Sampler: <u>DAF</u> Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/Hand Field decon (Yes / No / Dedicated Type of Sample: Grab / Composite / Description Data Organic Vapor Reading: NA Instrument: NA Core Length: NA Sample Depth: __6_ Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Alluvium Munsell Color: Molarat Villand Brain Grain Size: Mulym.

Sample Description Foreign Material: Aft Organiza

Comments:

Appearance: Clean.

Soil Sampling Field Data Client/Project Name: Pratt : Whitney X-194 Project #: 93-221/c7 Sampling Location Environmental Project Location: E. Hartford CT Sample #: NK-X194-9-90-Field Services Sample Location Info See Map Sample Data Container Quantity Preservative Date: <u>5/9/95</u> Time: 17:38 G (40) Weather: Clas Warm Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Field decon: Yes / No / Dedicated Type of Sample: Grab / Composite /
Other **Description Data** Organic Vapor Reading: NA Instrument: NA Core Length: NA Sample Depth: __6 Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Alluvium Munsell Color: Moderth Vellout Bran Grain Size: M. Sand.

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Appearance:

Soil Sampling Field Data Client/Project Name: Pratt : Whitney X-194 Project #: 93-221/c7 Sampling Location Environmental Project Location: E. Hartford CT Sample #: NK-X194-SA CH30 20 20 #2 --Field Services Sample Location Info See Map Sample Data Container Quantity Preservative Time: 17:35 Date: <u>5/9/95</u> G (40) Sampler: <u>OAF</u> Weather: Clan Warm Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/ Hand Field decon: Yes / No / pedicated Type of Sample: Grab / Composite /
Other _____ **Description Data** Organic Vapor Reading: NA Instrument: NA Core Length: NA Sample Depth: 6 Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Alluvium Munsell Color: Mokent Yellors Brown Grain Size: 977. Sand

Comments:

Appearance: Clim

Sample Description Foreign Material:

Soil Sampling Field Data Client/Project Name: Pro# : Whitney X-194 Project #: 93-221/C7 Project Location: E. Hantford CT Sampling Location Environmental Sample #: NK-X194-5-0461 200 200 2 Field Services Sample Location Info See Map Sample Data Container Quantity Preservative Date: <u>5/9/95</u> Time: _/> 28 (+ (40)) 10 Weather: Clan Warm Sampler: DAF Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/ fland Field decon (Yes / No / Dedicated) Type of Sample Grap / Composite / Description Data Organic Vapor Reading: MA Instrument: NA Sample Depth: _______ Core Length: NA Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Alluvium

Grain Size: M. Sand,

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Comments:

Appearance: Clam

Munsell Color: Moderale Villa & Brown

Sample Description Foreign Material: Don

Soil Sampling Field Data Client/Project Name: Pra# : Whitney X-194 Project #: 93-221/c7 Sampling Location Project Location: E. Hartford CT Environmental Sample #: NK-X194-2-18 Zox #2 Field Services Sample Location Info See Map Sample Data Container Quantity Preservative Date: <u>5/9/95</u> Time: _/> '25 G (40) 工 Sampler: <u>DAF</u> Weather: <u>Clean Waym</u> Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other ___ Field decon: Yes / No / Dedicated Type of Sample: Grab / Composite / Other _____ Description Data Organic Vapor Reading: NA Instrument: NA Core Length: NA Sample Depth: _6' Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Alluvium Munsell Color: Pel Yellow & Bow Grain Size: Melism Saml
Sample Description Foreign Material: 49 Roots: Organics Appearance: (lein Sund

Soil Sampling Field Data Client/Project Name: Pratt: Whitney X-194 Project #: 93-221/c7 Project Location: E. Hartford CT Sampling Location Environmental ample #: NK-X194-95-644 Zon 2 Field Services Sample Location Info 046 See Map Sample Data Container Quantity Preservative Date: <u>5/9/95</u> Time: <u>/7</u>.27 G (401) Sampler: <u>OAF</u> Weather: <u>Clean Waym</u> Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other Land Field decon Yes / No / Dedicated Type of Sample: Grab / Composite /
Other _____ escription Data Organic Vapor Reading: NA Instrument: NA Core Length: NA Sample Depth: ____6 Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Alluvium Munsell Color: D.L., Yellar Brown Grain Size: Medium Sand.

Sample Description Foreign Material: Organics

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Appearance:

Soil Sampling Field Data Client/Project Name: Pratt: Whitney X-194

Project Location: E. Hartford CT Project #: 93-221/c7 Sampling Location Environmental Sample #: NK-X194-5-047 Field Services Sample Location Info See Map Sample Data Container Preservative Quantity Date: <u>5/9/95</u> Time: _/71/7 ((40) Weather: Clean Warm Sampler: <u>QAF</u> Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/Hand Field decon: Yes / No / Dedicated Type of Sample; Grab / Composite / Other **Description Data** Organic Vapor Reading: NA Instrument: NA Core Length: NA Sample Depth: 6 Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.)

Comments:

Appearance:

Alluvium

Sample Description Foreign Material: NA

Munsell Color: Moderat Yelland Brown Grain Size: M. Same

Soil Sampling Field Data Client/Project Name: Pratt: Whitney X-194 Project #: 93-221/c7 Sampling Location Project Location: E. Hantford CT Environmental Sample #: ルド-×194-59-045 *** どうしゅう Field Services Sample Location Info See Map Sample Data Container Quantity Preservative Date: <u>5/9/95</u> Time: _ 17:18 G (4.1) Sampler: <u>DAF</u> Weather: Clas Warm Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/Hand Field decon: Yes / No / Dedicated Type of Sample: Grab / Composite / Other _____ **Description Data** Organic Vapor Reading: NA Instrument: NA Core Length: NA Sample Depth: ______ Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.)

Alluvium

Sample Description Foreign Material: _____

Munsell Color: Moderat Yella. 1 Brown Grain Size: 9m. Sanst.

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Appearance:

Soil Sampling Field Data
Client/Project Name: Pra#: Whitney X-194 Project #: 93 Project #: 93-221/c7 Project Location: E. Harford CT Sampling Location

Tample #: NK-X194-SP 047 *** Zau #2 Sampling Location **Environmental** Field Services Sample Location Info See Map

Sample Data	Container	Quantity	Preservative
Date: 5/9/95 Time: 12 15 Sampler: 0AF Weather: Clas Warm	G (401)	1-	Ŧ
Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other Field deconives / No Dedicated Type of Sample: Grab / Composite / Other			

Description Data Instrument: NA Organic Vapor Reading: NA Core Length: NA Sample Depth: _______ Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Alluvium

Munsell Color: 2nd Line to Mach Bron Grain Size: 7nd Sund,

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Sample Description Foreign Material: Organics, rosts

Appearance: Clim

Soil Sampling Field Data Client/Project Name: Pra# : Whitney X-194 Project #: 93-221/C7 Sampling Location Project Location: E. Hartford CT Environmental Tample #: NK - X194 - 50-650 - 200 #2 Field Services Sample Location Info See Map Sample Data Container Quantity Preservative Date: <u>5/9/95</u> Time: _________ G (40) I 1 -Sampler: <u>DAF</u> Weather: <u>Clean Warm</u> Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other /- /and Field decon Yes / No / Dedicated Type of Sample: Grab / Composite / Description Data Organic Vapor Reading: NA Instrument: NA Core Length: NA Sample Depth: 6 Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Alluvium Munsell Color: moderate Yellook Brown Grain Size: m Sand

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Appearance:

Comments:

Clean

Sample Description Foreign Material:

Soil Sampling Field Data Client/Project Name: Pra# : Whitney X-194 Project #: 93-221/c7 Sampling Location Project Location: E. Hatford CT Sampling Location Sample #: NK-X194-SI-DIA 2012 Environmental Field Services Sample Location Info See Map Sample Data Container Quantity Preservative Date: <u>5/9/95</u> Time: 16 40 G (401) I 1-Weather: Clas Warm Sampling Device: Auger / Core Sampler / Shovel / Split Spoon
Trowel / Other / John / Shovel / Split Spoon Field decon: Yes / No / Dedicated Type of Sample: Grab / Composite / Description Data Organic Vapor Reading: NA Instrument: NA Core Length: NA Sample Depth: _____ Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.)

Alluvium

Munsell Color: Make Killer & Brown Grain Size: M. Sand 1078 349 Sample Description Foreign Material: Mon

Comments:

Appearance: (Kan Sand

Soil Sampling Field Data Client/Project Name: Pratt: Whitney X-194 Project #: 93-221/C7 Project Location: E. Hantford CT 12 Sampling Location Environmental ample #: NK-x194-5)-20m #2 Field Services -052 Sample Location Info See Map Sample Data Container Preservative Quantity Date: <u>5/9/95</u> Time: 14 45 G (4.1) I Sampler: <u>DAF</u> Weather: Clean Warm Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other Land Field decon: Yes / No / Dedicated Type of Sample: Grab / Composite / escription Data Organic Vapor Reading: NA Instrument: NA Core Length: NA Sample Depth: ______ Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Alluvium Grain Size: & -Said Sund; S. H. Munsell Color: Miled Boom

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Comments:

Sample Description Foreign Material: Frate other organise

Appearance: Organic S: 12; Sund

Soil Sampling Field Data Client/Project Name: Pa H: Whitney X194 Project #: 93-221/C7 ample #: N/L = X/9/1/- S - 053 Sampling Location Environmental Zone #2 Field Services Sample Location Info Lu Map Sample Data Container Quantity Preservative Time: _/5.30 Date: 5/9/95 6 (471 \mathcal{I} Sampler: ______ Weather: Clean Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other Field decon: Yes / No / Dedicated Type of Sample: Grab / Composite / Other escription Data Organic Vapor Reading: 22 Instrument: // Core Length: VA Sample Depth: 🚣 🗀 📉 Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Munsell Color: Malak Yellank Brown Grain Size: M. Sand Sample Description Foreign Material: Appearance: Clear.

Soil Sampling Field Data Client/Project Name: Pra# : Whitney X-194 Project #: 93-221/c7 Sampling Location Environmental Project Location: E. Hartford CT ample #: NK-X194-9-32 200 200 Field Services 57055 OSY Sample Location Info See Map Sample Data Container Quantity Preservative Time: (6:10 Date: <u>5/9/95</u> G (401) Sampler: <u>DAF</u> Weather: Clan Warm Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other Hand Field decon: Yes / No / Dedicated Type of Sample; Grab / Composite / Other escription Data Organic Vapor Reading: NA Instrument: NA Core Length: NA Sample Depth: ______ Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Alluvium Munsell Color: Make & Vollant Bown Grain Size: M. Sand

Comments:

Appearance: Clean Sand

Sample Description Foreign Material: 2004

Soil Sampling Field Data Client/Project Name: Pra# : Whitney X-194 Project #: 93-221/c7 Project Location: E. Harford CT Sampling Location: Sampling Location: E. Harford CT Sampling Location: Sampl Sampling Location **Environmental** Field Services Sample Location Info - 655 See Map Sample Data Container Preservative Quantity Date: <u>5/9/95</u> Time: 16:04 G (40) Sampler: DAF Weather: Clan Warm Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/ fland Field decon Yes / No / Dedicated Type of Sample; Grab / Composite / Other Description Data Organic Vapor Reading: *NA* Instrument: NA Core Length: NA Sample Depth: 6"

Sample Description: Sediment / Soil Type (ex. Lacustrine	e, Wetland, B Horizon, Outwash, Etc.)
PT//UVIVM	
Munsell Color: Miles de Yelland Bon	Grain Size: M. Sand
Sample Description Foreign Material:	Es, Pouts
Appearance: Clean Sand Worganies.	
Comments:	

Soil Sampling F	Field Da	ata		
Client/Project Name: Pra#; Whitney X-194 Project Location: E. Hartford CT	Samp	93-221/c7 ling Locatio		rironmental
Sample #: N/K - X/94 - 9-001	1 Conc	# <u>1</u>	Fie	d Services
Sample Location Info - 056				
See Map				
Sample Data		Container	Quantity	Preservative
Date: <u>5/9/95</u> Time: <u>16:03</u> Sampler: <u>0AF</u> Weather: <u>Clean Warm</u>	,	G (40))	1/	I
Sampling Device: Auger / Core Sampler / Shovel / Split Spo Trowel / Other/ Gan. / Field decon: Yes / No / Dedicated	oon			
Type of Sample: Grab / Composite / Other				
Description Data				
Organic Vapor Reading: NA	Instrument	: NA		
Sample Depth:	Core Length: NA			
Sample Description: Sediment / Soil Type (ex. Lacustrine, W	Vetland, B Ho	orizon, Outwash	, Etc.)	
Munsell Color: Maderah Milland Brown	Grain Size	: Milim E	Sarl	
Sample Description Foreign Material: Clean Non				
Appearance: Clean Sul				

Soil Sampling Field Data Client/Project Name: Pratt: Whitney X-194 Project #: 93-221/c7 Sampling Location Project Location: E. Hartford CT Environmental Sample #: NK - X194 - SHOFF Field Services -0527 Sample Location Info See Map Sample Data Container Quantity Preservative Time: _/5: 75 Date: <u>5/9/95</u> G (4.1) Sampler: __QAF Weather: Clan Warm Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/Hand Field decon: Yes / No / Dedicated Type of Sample: Grab / Composite / Description Data Organic Vapor Reading: NA Instrument: NA Core Length: NA Sample Depth: 6 Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Alluvium Munsell Color: Object Vellowh Brown Grain Size: M. Sand

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Comments:

Sample Description Foreign Material: Non-

Appearance: Clean Sand

Soil Sampling Field Data Client/Project Name: Pra# : Whitney X-194 Project #: 93-221/c7 Project Location: E. Hantford CT J Sampling Location Environmental ample #: NK-X194-9-026 200 #2 Field Services Sample Location Info See Map Sample Data Container Preservative Quantity Date: <u>5/9/95</u> Time: 15:73 G (401) I Weather: Clas Warm Sampler: <u>DAF</u> Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/1-land. Field decon: Yes / No / Dedicated Type of Sample; Grab / Composite / Pescription Data Organic Vapor Reading: NA Instrument: NA Core Length: NA Sample Depth: ______ Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Alluvium Munsell Color: Melin Le Village & Brain Grain Size: Melin Sand Sample Description Foreign Material: None Appearance: Can Sun!

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Soil Sampling Field Data Client/Project Name: Pra# : Whitney X-194 Project #: 93-221/c7 Project Location: E. Hartford CT Sampling Location ample #: NK-X194-59-032 Zone #2 Sampling Location Environmental Field Services Sample Location Info -059 See Map Sample Data Container Quantity Preservative Time: 15:40 Date: 5/9/95 G (4.1) I Sampler: __*QAF*_____ Weather: Clan Warm Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other Hand Field decon: Yes / No / Dedicated Type of Sample; Grab / Composite / escription Data Organic Vapor Reading: NA Instrument: NA Core Length: NA Sample Depth: ______ Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Alluvium Munsell Color: Madrade Yellowsh Brown Grain Size: Medin Size: Medi

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Comments:

Appearance: Clan Sand

Soil Sampling Field Data Client/Project Name: Pra# : Whitney X-194 Project #: 93-221/c7 Project Location: E. Hartford CT A Sampling Location Environmental Sample #: NK-X194-SD-327 Zonx # 2 Field Services 060 Sample Location Info See Map Sample Data Container Quantity Preservative Time: 15:13 Date: <u>5/9/95</u> G (40) Weather: Clean Warm Sampler: <u>QAF</u> Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/1-land Field decon: Yes / No / Dedicated Type of Sample: Grab / Composite / Description Data Organic Vapor Reading: MA Instrument: NA Sample Depth: 6 Core Length: NA Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Alluvirm Munsell Color: Moderate Villanit Grain Size: 12. Sand Sample Description Foreign Material: Appearance: Clean Sand

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Soil Sampling Field Data

Client/Project Name: Pro#: Whitney X-194 Project #: 93-221/67 Project Location: E. Harford CT Sampling Location

Tample #: NK-X194-S-BOST COOP

Sample Location Info Duplicate of the NK-X194-SD-03T 060P Environmental Field Services See Map Sample Data Container Preservative Quantity Date: 5/9/95 Time: 15:33 G (40) I Sampler: <u>DAF</u> Weather: Clan Warm Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other Hand Field decon Yes / No / Dedicated Type of Sample: Grap / Composite / Description Data Organic Vapor Reading: NA Instrument: NA Core Length: NA Sample Depth: 6 Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) indicate Alluvium Appearance: (lian Sin)

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Soil Sampling Field Data Client/Project Name: Pra# : Whitney X-194 Project #: 93-221/c7 Project Location: E. Hantford CT a Sampling Location Environmental ample #: NK-X194-50-07854 2010 #2 Field Services Sample Location Info Sp-61 See Map Sample Data Container Quantity Preservative Date: <u>5/9/95</u> G (40) Sampler: <u>DAF</u> Weather: Clan Warm Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/ Idand Field decon (Yes / No / Dedicated Type of Sample: Grap / Composite / Other escription Data Organic Vapor Reading: NA Instrument: NA Core Length: NA Sample Depth: 🚣 "_____ Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Alluvium Munsell Color: Mollingle Brown

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Sample Description Foreign Material: Rout : Organia Appearance:

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Soil Sampling Field Data Client/Project Name: Pra# : Whitney X-194 Project #: 93-221/C7 Project Location: E. Hartford CT A Sampling Location **Environmental** Sample #: NK-X194-50-204 Zove 2 Field Services 062 Sample Location Info See Map Sample Data Container Preservative Quantity Date: <u>5/9/95</u> Time: 15.75 G (40) I Sampler: <u>DAF</u> Weather: Clan Warm Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other Hand Field decon: Yes / No / Dedicated Type of Sample; Grab / Composite / Pescription Data Organic Vapor Reading: NA Instrument: NA Core Length: NA Sample Depth: 6 Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Alluvium Munsell Color: Black NI Pole yellowish Brown Grain Size: V. fine V fin + M. Sund Sample Description Foreign Material: Learn, Roots

Comments:

Appearance: Sund Sol (Linn

Sou Sampling P	nein D	ata		
Client/Project Name: Pra# : Whitney X-194	Project #:	93-221/07		
Project Location: E. Hartford CT	Sam	oling Locati	on Env	vironmental
ample #: NK-x194-59-938	20	ne * 2	Fie	ld Services
Sample Location Info - 063				
See Map				
Sample Data		Container	Quantity	Preservative
Date: <u>5/9/95</u> Time: <u>/⁴/ ¹⁷</u>		G (40)	1-	F
Sampler: <u>DAF</u> Weather: <u>Clean Warm</u>			·	
Sampling Device: Auger / Core Sampler / Shovel / Split Sport Trowel / Other / Hand Field decon: Yes / No / Dedicated Type of Sample: Grab / Composite / Other	oon			
escription Data				
Organic Vapor Reading: NA		t: <i>NA</i>		
Organic Vapor Reading: <u>NA</u> Sample Depth: <u>E</u>	Core Leng	gth: NA		
Sample Description: Sediment / Soil Type (ex. Lacustrine, W	Vetland, B H	orizon, Outwash	n, Etc.)	
Munsell Color: Malrock Yellow, K. B. Dur	Grain Size	:: Midra	Sand Jell Sur to	/,
Sample Description Foreign Material:				
Appearance: Clin Sand				
Comments:				

Soil Sampling Field Data Client/Project Name: Pra#: Whitney X-194 Project #: 93-221/c7
Project Location: E. Hartford CT Sampling Location
Sample #: NK-X194-9-064 Sampling Location **Environmental** Field Services Sample Location Info See Map Sample Data 7

Date: 5/8/95 Time: 13-37

Sampler: DAF Weather: Clan Wan Container Quantity Preservative G (40) Weather: Clan Warm Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other _ Field decon Yes / No / Dedicated Type of Sample: Grab / Composite / Description Data Organic Vapor Reading: NA Instrument: NA Core Length: NA Sample Depth: _________ Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Alluvium

Munsell Color: Molerate Yellot Bon. Grain Size: M. Sand

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Appearance: Clan

Comments:

Sample Description Foreign Material:

Soil Sampling Field	Data		
Client/Project Name: Pra#: Whitney X194 Project Location: E. Hantford	ct#: 93-22/c ampling Locati Zocze #3	on Env	ironmental d Services
Sample Location Info			
See Map			
Sample Data	Container	Quantity	Preservative
Date: 5/10/95 Time: 14.37 Sampler: 07 Weather: Rain O.C.	6 (4,7)	/	I
Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other / Hond Field decon: Yes / No / Dedicated Type of Sample Grab Composite /			
Other			
escription Data			
Organic Vapor Reading: NA Instru	ment: <u>N-A</u> Length: <u>NA</u>		
Sample Depth: 1 Core	Length: N.A.		
Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland,	, B Horizon, Outwash	n, Etc.)	
Munsell Color: Moderate Vella & Brown Grain	Size: McCom		
Sample Description Foreign Material: None			
Appearance: Ocum			

Soil Sampling Field Data Client/Project Name: Prutt: Whitney X194 Project #: 93-221/c7 Project Location: E. Hartford Sampling Local Sampli Sampling Location Environmental Field Services Sample Location Info See Map Sample Data Container Preservative Quantity Date: _5/10/95 Time: 15:01 I 6 (4.) Sampler: 07 Weather: Ram O.C. Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/ Hand Field decon: Yes / No (Dedicated) Type of Sample (Grab) Composite / Other _____ Jescription Data Instrument: N-A Organic Vapor Reading: NA Core Length: _______ Sample Depth: / Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.)

Grain Size: M. Sund

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Appearance: Clcan

Comments:

Munsell Color: Malante Tellanh

Sample Description Foreign Material: ______

Soil Sampling Field Data Client/Project Name: Pratt: Whitney X194 Project #: 93-221/c7 Sampling Location Project Location: E. Hanthord Environmental ample #: NK-X/94-S-067 Zone #3 Field Services Sample Location Info See Map Sample Data Preservative Container Quantity Date: 5/10/95 Time: 14141 I 6 (4.) Weather: Rain O.C. Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/ Hand Field decon: Yes / No (Dedicated) Type of Sample Grab Composite / Other _____ escription Data Instrument: AFA Organic Vapor Reading: NA Sample Depth: _____ Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.)

Grain Size: Medem

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Appearance: Clim

Comments:

Munsell Color: Moderate Yellowh Brown

Sample Description Foreign Material: More

Soil Sampling Field Data

Client/Project Name: Pratt: Whitney X194 Project Location: E. Hantford Sample #: NK-X194-S-068 Sample Location Info See Map	Samp	93-221/c oling Locati rze #3	on En	vironmental eld Services
Sample Data Date: 5/10/95 Time: 14/19		Container	Quantity	Preservative
Sampler: 07 Weather: Rain O.C.		6 (4,2)	1	
Sampling Device: Auger / Core Sampler / Shovel / Split Sport Trowel / Other / Hand Field decon: Yes / No (Dedicated)	oon			
Type of Sample Grab Composite / Other				
Description Data				
Organic Vapor Reading: NA	Instrumen	t: <u>A=A</u>	·	;
Sample Depth:	Core Leng	t: <u>NA</u> 9th: <u>NA</u>	· 	
Sample Description: Sediment / Soil Type (ex. Lacustrine, V	Vetland, B H	orizon, Outwash	n, Etc.)	
Munsell Color: Moderate Vella in Brown 10412 574 Sample Description Foreign Material: NA	Grain Size	: M. San	<u>J.</u>	
Appearance: Clum				
Comments:				

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Soil Sampling Field Data Client/Project Name: Pra#: Whitney X194 Project #: 93-221/67
Project Location: E. Hantford Sampling Location Project Location: E. Hantford **Environmental** ample #: NK - X/94 - S - 669 Sampling Location Field Services Sample Location Info See Map Sample Data Container Quantity Preservative
 Date:
 5/10/95
 Time:
 1/6:39

 Sampler:
 0.0.0
 I G (4.) Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/ Hand Field decon: Yes / No (Dedicated) Type of Sample Grab Composite / Other _____ escription Data Organic Vapor Reading: NA Instrument: <u>A-A</u> Core Length: _______ Sample Depth: ____/ Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Munsell Color: Michard Colland Brown Grain Size: M. Some grand (pishon)

Comments:

Sample Description Foreign Material: ____

Appearance: Clam Sont

Client/Project Name: Pra#: Whitney X194 Project #: 43-261/6/
Sampling Location Project Location: E. Harfford Sampling Location ample #: NK-X194-S-070 - Zorze #3 **Environmental** Field Services Sample Location Info See Map Sample Data Container Preservative Quantity Date: _5/10/95 Time: 16:34 I 6 (4.) Sampler: Dr Weather: Rain O.C. Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/ Hand Field decon: Yes / No (Dedicated) Type of Sample (Grab) Composite / Other _____ escription Data Instrument: AFA Organic Vapor Reading: N-A Sample Depth: __/ Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.)

Munsell Color: Molar Yellor, I Bor Grain Size: M Sond.

107/25/4

Sample Description Foreign Material:

Comments:

Appearance: Clim Clim

Soil Sampling Field Data

Client/Project Name: Pra#: Whitney X194 Project #: 93-221/07

Project Name: Profit Whitney X194 Project #: 93-221/c7

Project Location: E. Hartford

Ample #: NK-X194-S-071 Zone #3

Environmental Field Services

Sampl	le Lo	ocati	on	Info
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See Map

Sample Data	Container	Quantity	Preservative
Date: 5/10/95 Time: 15:34 Sampler: 07 Weather: Rain 0.C.	6 (4.7)	ı	I
Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other / Hand Field decon: Yes / No (Dedicated)		·	
Type of Sample Grab Composite / Other			

escription Data

Organic Vapor Reading: NA:

Sample Depth: Core Length: MA:

Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.)

Munsell Color: Mile Lacustrine Grain Size: M. Saml

Sample Description Foreign Material:

Appearance: Clima

Soil Sampling Field Data Client/Project Name: Pratt: Whitney X194 Project #: 93-221/c7 Sampling Location Project Location: \mathcal{E}_{-} Harfford Sampling Location ample #: NK - X/94 - S - 072 Zonze #3 Environmental Field Services Sample Location Info See Map Sample Data Container Preservative Quantity Date: 5/10/95 Time: _ (5:0) I G (4.) Sampler: 07 Weather: _ Rain Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/ Hand Field decon: Yes / No (Dedicated) Type of Sample (Grab) Composite / Other _____ escription Data Instrument: NA Organic Vapor Reading: NA Sample Depth: ____/ ' Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.)

Munsell Color: Moderate Gellank Brown Grain Size: M. Sand.

104 R 5/4,

Sample Description Foreign Material: A Roots, Organics

Comments:

Appearance: CGra

Soil Sampling Field Data Client/Project Name: Put: Whitney X194 Project #: 93-221/c7

Project Location: E. Huntford Sampling Location

Sample #: NK-X194-S-073 Zonze #3 Environmental Field Services Sample Location Info See Map Sample Data Container Preservative Quantity Date: <u>5//0/95</u> Time: <u>/4.50</u>
Sampler: <u>07</u> Weather: <u>Ram 0</u> I 6 (4,) Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/ Hand Field decon: Yes / No (Dedicated) Type of Sample Grab Composite / Other ____ escription Data Instrument: AFA Organic Vapor Reading: N-A Core Length: N.A. Sample Depth: ____l' Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.)

Grain Size: M. Sand

Comments:

Appearance: Clan

Munsell Color: Machant Vellant Brown

Sample Description Foreign Material:

Soil Sampling Field Data Client/Project Name: Pra#: Whitney X194 Project #: 93-221/c7 Project Location: E. Hantford Sampling Location

Sample #: NK-X194-S-074 Zone #3 Sampling Location Environmental Field Services Sample Location Info See Map Sample Data Container Quantity Preservative Date: 5/10/95 Time: _/4/43 6 (4.) 1-Sampler: 07 Weather: Rain Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/ Hand Field decon: Yes / No (Dedicated) Type of Sample Grab Composite / Other _____ escription Data Instrument: NFA Organic Vapor Reading: N-A Core Length: N.A. Sample Depth: Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Grain Size: M. Sand Munsell Color: Molerak Yella, & Bran Grain
10 YRSA,
Sample Description Foreign Material: NA

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Appearance: Clean

Soil Sampling F	ield Data		
Client/Project Name: Pratt: Whitney X194	Project #: 93-22	1/c7	
Project Location: E. Hantford	Sampling Lo	cation	Environmental
ample #: NK-X/94-S-0740	Zone #	3	Field Services
Sample Location Info			
See Map			
Sample Data	Contain	ner Quar	ntity Preservative
Date: 5/10/95 Time: 11:35	6(
Sampler: O7 Weather: Rain O.C.	~ (,	
Sampling Device: Auger / Core Sampler / Shovel / Split Spo	on		
Trowel / Other/ Hand			
Field decon: Yes / No (Dedicated)			
Type of Sample Grab Composite /			
Other			
Description Data			
Organic Vapor Reading: NA	Instrument: <u>AFA</u>	2	
Sample Depth: _/	Instrument: No.	7.	
Sample Description: Sediment / Soil Type (ex. Lacustrine, W	'etland, B Horizon, Ou	twash, Etc.)	:
Munsell Color: 20 sleed ville & Brown 104 107 107 107 107 107 107 107 107 107 107	Grain Size: <u>A. Sa</u>	<u>d</u>	
Appearance: Clicam			

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Soil Sampling Field Data
Client/Project Name: Pra#: Whitney X194 Project #: 93 Project #: 93-221/c7 Project Location: E. Harfford Sampling Location ample #: NK-X194-S-076 Zorze #3 Sampling Location Environmental Field Services Sample Location Info See Map Sample Data Container Quantity Preservative Date: 5/10/95 Time: 16 38 I 6 (4%) Sampler: 07 Weather: Rain Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/ Hand Field decon: Yes / No (Dedicated) Type of Sample Grab Composite / Other ____

escription Data

Organic Vapor Reading: <u>NA</u>	Instrument: N-A
Sample Depth:/	Core Length: N.A.
Sample Description: Sediment / Soil Type (ex. Lacustrine, W	etland, B Horizon, Outwash, Etc.)
Munsell Color: Modach Velland Brown 1078 My Sample Description Foreign Material: Appearance: Clin	Grain Size: M. Same

Soil Sampling Field Data Client/Project Name: Prutt: Whitney X194 Project #: 93-221/c7 Sampling Location Project Location: E. Hartford Sampling Location ample #: NK-X/94-S-277 Zone #3 **Environmental** Field Services Sample Location Info See Map Sample Data Container Quantity Preservative Date: 5/10/95 Date: <u>5/10/95</u> Time: <u>15:35</u>
Sampler: <u>07</u> Weather: <u>Rain 0.C.</u> T 6 (4) Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/ Hand Field decon: Yes / No (Dedicated) Type of Sample Grab Composite / Other _____ escription Data Instrument: Λ FA Organic Vapor Reading: N-A Core Length: _______ Sample Depth: _______ Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.)

Grain Size: M. Kond

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Comments:

Appearance: Clum

Munsell Color: Moderate Velland Bran Grain
1048 Ty

Sample Description Foreign Material:

Soil Sampling Field Data Client/Project Name: Pratt: Whitney X194 Project #: 93-221/c7 Project Location: E. Hartford Sampling Location

Sample #: NK-X194-S-078 Zone #3 Sampling Location Environmental Field Services Sample Location Info See Map Sample Data Container Quantity Preservative Date: <u>5/10/95</u> Time: <u>14:173</u>
Sampler: <u>07</u> Weather: <u>Rem</u> Time: 1473 I G (4.) 1 Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/ Hand Field decon: Yes / No (Dedicated) Type of Sample Grab Composite / Other _____ Description Data Instrument: AFA Organic Vapor Reading: NA Core Length: N.A. Sample Depth: _____ Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.)

Grain Size: M. Sensi

Comments:

Appearance: Com

Munsell Color: Moderate Yellant Brown
10411574

Sample Description Foreign Material: 1/1

Soil Sampling Field Data
Client/Project Name: Pra#: Whitney X194 Project #: 93 Project #: 93-221/c7 Sampling Location Project Location: E. Hartford Sampling Location ample #: NK-X194-S-079 Zone #3 Environmental Field Services Sample Location Info See Map Sample Data Container Quantity Preservative Date: 5/10/95 Time: 14:16 I 6 (4,) 10 Sampler: 07 Weather: Rain Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/ Hand Field decon: Yes / No (Dedicated) Type of Sample Grab Composite /

escription Data

Other ____

Organic Vapor Reading: <u>NA</u>	Instrument: 15A
Sample Depth:	Core Length: N.A.
Sample Description: Sediment / Soil Type (ex. Lacustrine,	Wetland, B Horizon, Outwash, Etc.)
Munsell Color: Vilederch Velloch Brown Sample Description Foreign Material: NA	Grain Size: M. Sandi
Appearance: Clim	
Comments:	

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Soil Sampling Field Data Client/Project Name: Pratt: Whitney X194 Project #: 93-221/c7

Sampling Location Project Location: E. Haffer | Sampling Location ample #: NK-X194-S-081 Zone #3 Environmental Field Services Sample Location Info See Map Sample Data Container Preservative Quantity Date: 5/10/95 Time: 16 40 Sampler: 07 Weather: Rain 0.C. I G (4.) Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/ Hand Field decon: Yes / No (Dedicated) Type of Sample (Grab) Composite / escription Data Instrument: <u>AFA</u> Organic Vapor Reading: NA

Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.)

Core Length: N.F.

Munsell Color: Moderal Vellant Brown Grain Size: M. Sund Sample Description Foreign Material:

Sample Depth: / '

Sample Description Foreign Material

Appearance:

Lon Sand

Soil Sampling Field Data Client/Project Name: Prut : Whitrey Project #: 93-221/c7 Project Location: E. Harfford Sampling Location Environmental ample #: $Nk - \chi_{194} - S - O82$ Sampling Eucanu Field Services Sample Location Info Sa Majo Sample Data Container Preservative Quantity Time: 15100 6 (40) 1 Î Weather: Clan. Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/ Hand Field decon: Yes / No Dedicated, Type of Sample: Grab / Composite / Other _____ escription Data Organic Vapor Reading: NA Instrument: VA Core Length: MA Sample Depth: 6 Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Munsell Color: Moderate Vellant Born Grain Size: M. Sund Sample Description Foreign Material: Appearance: Clan

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Soil Sampling Field Data
Client/Project Name: Pra#: Whitney X194 Project #: 93 Project #: 93-221/c7 Project Location: E. Hartford Sampling Location Sample #: NK - X1944 - S - 085 Sampling Location Sample #3 Sampling Location Sample Location Info.

Environmental Field Services

Campio Ecoation into	 	
See Map		
		~

Sample Data	Container	Quantity	Preservative
Date: 5/10/95 Time: 16 17 Sampler: 0. C. Weather:	6 (4.7)	1/	I
Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other / Hand Field decon: Yes / No (Dedicated)			
Type of Sample Grab Composite / Other			

Description Data

Organic Vapor Reading: NA	Instrument:
Sample Depth:	Core Length:
Sample Description: Sediment / Soil Type (ex. Lacustrine, W	etland, B Horizon, Outwash, Etc.)
107 p. 57c/	Grain Size: M. San
Sample Description Foreign Material:	
Appearance: Clim	

Soil Sampling Field Data Client/Project Name: Pratt: Whitney X194 Project #: 93-221/c7
Sampling Location Project Location: E. Harford Sampling Location ample #: NK-X194-S-086 Zone #3 Environmental Field Services Sample Location Info See Map Sample Data Container Quantity Preservative Date: <u>5/10/95</u> Time: <u>16:49:/</u>
Sampler: <u>77</u> Weather: <u>Rain O.C.</u> I 1 6 (4,) Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/ Hand Field decon: Yes / No (Dedicated) Type of Sample Grab Composite / Other _____ escription Data Instrument: <u>N=A</u> Organic Vapor Reading: NA Core Length: N.A. Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.)

Munsell Color: M. L. L. L. Lord Brown Grain Size: M. Sand

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Sample Description Foreign Material:

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Appearance: Clan

Soil Sampling Field Data Client/Project Name: Pratt: Whitney X194 Project #: 93-221/c7 Project Location: E. Hanton Sampling Location Environmental Tample #: NK-X194-S-081 Zone #3 Field Services Sample Location Info See Map Sample Data Container Preservative Quantity Date: 5/10/95 Time: 16.47 6 (4.) \mathcal{I} 1-Sampler: 07 Weather: Rain O.C. Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/ Hand Field decon: Yes / No (Dedicated) Type of Sample Grab Composite / Other _____ escription Data Organic Vapor Reading: NA Instrument: AFA Core Length: N.A. Sample Depth: ____ Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Munsell Color: Malinh Villa, h Brown Grain Size: Mr. Sand

Comments:

Appearance: (lean

Sample Description Foreign Material:

Soil Sampling Field Data Client/Project Name: Pra#: Whitney X194 Project #: 93-221/c7

Project Location: E. Hartford Sampling Location

Sample #: NK-X194-S-090 Zone #3 Environmental Field Services Sample Location Info See Map Sample Data Container Preservative Quantity Date: 5/10/95 Time: 16.46 I G (4.) Sampler: 07 Weather: Rain Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/ Hand Field decon: Yes / No (Dedicated) Type of Sample Grab Composite / Other _____ Description Data Instrument: AFA Organic Vapor Reading: NA Core Length: N.A. Sample Depth: __/___ Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.)

Grain Size: M. Sand

Comments:

Appearance: Clim

Munsell Color: Machinet Villand Brown

Sample Description Foreign Material:

Soil Sampling Field Data Client/Project Name: Pratt: Whitney X194 Project #: 93-221/c7 Project Location: E. Hantford Sampling Location Environmental roject Location: E. Hantford

Sample #: NK-X194-S-117

Zoze #3 Field Services Sample Location Info See Map Sample Data Container Quantity Preservative Date: _5/10/95 Time: 13:41 6 (4%) ı Weather: Rain O.C. Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/ Hand Field decon: Yes / No (Dedicated) Type of Sample Grab Composite / Other _____ escription Data Instrument: Λ - Λ Organic Vapor Reading: NA Sample Depth: _/, J' Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Munsell Color: Molend bellint Brown Grain Size: n Sand

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Appearance: Clan

Comments:

Sample Description Foreign Material: NA

Soil Sampling Field Data Client/Project Name: Pratt: Whitney X194 Project #: 93-221/67

Project Location: 2. Itan Had CT Sampling Location

Sample #: NK - X194-5-5334

Zone #2 Project #: 93-221/67 Sampling Location Environmental Field Services Sample Location Info See Map Sample Data Container Quantity Preservative Date: <u>5/1/195</u> Time: <u>15:44</u>
Sampler: <u>07</u> Weather: <u>Qod</u>, G (47) I 1-Sampling Device: Auger D'Core Sampler / Shovel / Split Spoon Trowel / Other_ Field decon: Yes No Dedicated Type of Sample Grab / Composite / Other _____ Description Data Instrument: NA Organic Vapor Reading: *NA* Core Length: N.A. Sample Depth: 6"

Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.)

Munsell Color: Malerat Yellank Brown Grain Size: M Sand.

1078 5/4

Sample Description Foreign Material: NA

Com	me	nte

Appearance: Clam.

Soil Sampling Field Data Client/Project Name: Praff: Whitney X194 Project #: 93-221/67

Project Location: 8. Hantford CT Sampling Location

Sample #: NK-X194-5-0338 Environmental Field Services Sample Location Info See Map Sample Data Container Quantity Preservative Date: 5/11/95 Time: 15:47 G (43) Weather: Ood, Sampler: 07 Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other _____ Field decon: Yes No Dedicated of Type of Sample; Grab / Composite / Other ____ Description Data

Organic Vapor Reading: <u>NA</u>	Instrument: NA	
Sample Depth: 12 '	Core Length: N.A.	
Sample Description: Sediment / Soil Type (ex. Lacustri	ne, Wetland, B Horizon, Outwash, Etc.)	
Moduak Yellar, L Brown Munsell Color: 701, Pade 07 10 Y R 5/4 Sample Description Foreign Material: Non	Grain Size: M Sand.	
Appearance: Clam		
Comments:		

Soil Sampling Field Data					
Client/Project Name: Pratt Whitney X194	Project #: 93	-221/67			
Project Location: E. Hantfood CT	Samplin				ronmental
Sample #: NK- X194-s-03386	2m	#2		Field	Services
Sample Location Info					
See Map					
·					
	<u> </u>				
Sample Data		ontainer	Quar	ntity	Preservative
Date: $5/1/95$ Time: 15.50 Sampler: 0.04		G (47)	1-		Ξ
Sampler. Or Weather. Wood,	·····				
Sampling Device: Auger / Core Sampler / Shovel / Split Spo	oon	ļ			
Trowel / Other Field decon: Yes / No Dedicated					
Type of Sample Grab / Composite / Other					•
Curat					
Description Data					
Organic Vapor Reading: NA	instrument: _	NA			
Sample Depth: 24" Core Length: N.A.					
Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.)					
			/		
Munsell Color: Moderat Ylland Bons	Grain Size: 👱	n. same	<u>′</u>		
Sample Description Foreign Material:					
Appearance: Clam					

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Soil Sampling Field Data

Client/Project Name: Project Whitrey X194 Project #: 93-221/67

Project Location: E. Hanthad CT Sampling Location

Environmental

Sample #: NK - X 194 - 5 - 042 8 4		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		ld Services
Sample Location Info				
See Map				
Sample Data		Container	Quantity	Preservative
Date: 5/1/95 Time: 15:55 Sampler: 07 Weather: 2004, Sampling Device: Auger / Core Sampler / Shovel / Split Sp Trowel / Other Field decon: 4es / No Dedicated Type of Sample: Grab / Composite / Other Description Data	•	G (4°)		I
	•	200		
Organic Vapor Reading: <u>NA</u>		: NA	 -	
Sample Depth: 6"	Core Leng	th: <u>N.A.</u>		
Sample Description: Sediment / Soil Type (ex. Lacustrine, \				
Munsell Color: Pale Yellow, Brown	Grain Size	: <u>C. any</u>	ulas Sand	/
Sample Description Foreign Material:				
Appearance: Clean				

Soil Sampling Field Data Client/Project Name: Pratt Whitrey X194 Project #: 93-221/とつ Project Location: 8. Hantfood CT Sampling Location Environmental Sample #: NK - x 194 - s - 042 B 2002 2002 #2 Field Services Sample Location Info See Map Sample Data Container Quantity Preservative Date: 5/11/95 Time: _/5:57 G (47) I Weather: Ood, Sampler: 07 Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other Field decon: Nest No Dedicates Type of Sample: Grab / Composite / Other _____ Description Data Instrument: NA Organic Vapor Reading: NA Core Length: NA. Sample Depth: /// Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.)

Grain Size: M Sand.

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Appearance: Clam

Comments:

Munsell Color: Pele Yelloush Brown

Sample Description Foreign Material: 1

Soil Sampling Field Data Client/Project Name: Project Whitney X194 Project #: 93-221/67

Project Location: 5. Hantfold CT Sampling Location

Sample #: NK - X194-5-012C 2006 Environmental Field Services Sample Location Info See Map Sample Data Container Preservative Quantity

 Date: 5/11/95
 Time: 15:57

 Sampler: 07
 Weather: 00.1,

 6 (47) 1 Sampling Device: Kuger / Core Sampler / Shovel / Split Spoon Trowel / Other_ Field decon: Yes No Dedicated Type of Sample Grab / Composite / Other _____ **Description Data** Instrument: NA Organic Vapor Reading: NA Core Length: NA. Sample Depth: 24-Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.)

Grain Size: _______

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Appearance: Com

Comments:

Munsell Color: Pale Illand Brown

Sample Description Foreign Material:

Soil Sampling Field Data

Client/Project Name: Pratt Whitrey X194	100 CO. 100 CO	Project #: 93-221/67 Sampling Location		Environmente	
Project Location: 8. 1/an Hand CT				Environmental Field Services	
Sample #: NK - X194 - S - DSZ A 3		n. #2		rieid Services	
Sample Location Info					
See Map					
Sample Data		Container	Quant	ity Preservative	
Date: 5/11/95 Time: 16:38 Sampler: 07 Weather: 00.d.;	-	G (43)	1-	Ī.	
Sampling Device: Auger / Core Sampler / Shovel / Split Sp Trowel / Other Field decon: Yes / No Dedicates	ooon				
Type of Sample: Grab / Composite / Other					
Description Data					
Organic Vapor Reading: <u>NA</u>	Instrument	NA			
Sample Depth: 6 Core Length: N.A.					
Sample Description: Sediment / Soil Type (ex. Lacustrine, \	Wetland, B H	orizon, Outwash	, Etc.)		
Munsell Color: Malusk Yellash Brans	Grain Size	: m sand			
Sample Description Foreign Material: Organica (100)	<u>L)</u>				
Appearance: Clean					
Comments:					

Soil Sampling	Field Data			
ent/Project Name: Pratt: Whitrey X194 Project #: 93-221/67				
Project Location: 8. Hantford CT	Sampling Locat	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	vironmental	
Sample #: Nk - x 194-5-0528	2m #2	Fie	eld Services	
Sample Location Info				
See Map				
Sample Data	Container	Quantity	Preservative	
Date: 5/11/95 Time: 16:12 Sampler: 07 Weather: 001, Sampling Device: Auger / Core Sampler / Shovel / Split			I .	
Field decon: Yes / No Dedicated				
Type of Sample: Grab / Composite / Other				
Description Data				
Organic Vapor Reading: NA	Instrument: NA			
Sample Depth: 12" Core Length: NA.				
Sample Description: Sediment / Soil Type (ex. Lacustrin	e, Wetland, B Horizon, Outwas	h, Etc.)		
Munsell Color: Moderate Yellon & Brown 10 YR 54 Sample Description Foreign Material: Mrs.	Grain Size: M. Lan	<u>J. </u>		
Appearance: Can				

Soil Sampling Field Data					
Client/Project Name: Pratt Whitrey X194/ Project Location: E. Itantford CT Sample #: NK - X194 - S - 052 C Sample Location Info	Project #: Samp	93-221/67 Ding Locati	\$\$\$\$\$\$(\$\$\$(\$)] }	nvironmental eld Services	
See Mop					
Sample Data	 	Container	Quantity	Preservative	
Date: 5/11/95 Time: 16:14 Sampler: 07 Weather: 2004, Sampling Device: Auger / Core Sampler / Shovel / Split Sp Trowel / Other / Lefan Type of Sample: Grab / Composite / Other		G (4;)	1 -		
Description Data					
Organic Vapor Reading: NA Instrument: NA					
Munsell Color: Mulmah Ydlord Brown 1048 574 Sample Description Foreign Material: Mm Appearance: Clam	Grain Size	: M. San	<u>/-</u>		

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revised 07/14/93

Soil Sampling Field Data Client/Project Name: Pratt Whitney X194 Project #: 93-221/67 Project Location: 8. Hantford CT Sampling Location

Sample #: NK - X194-5-0650 Zov. #3 Sampling Location Environmental Field Services Sample Location Info See Map Sample Data Container Preservative Quantity Date: <u>5///95</u> Sampler: <u>07</u> Time: 14 37
Weather: Ook, G (47) 1- \equiv Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other Hand Field decon: Yes / No Dedicated Type of Sampley Grab / Composite / Other Description Data Instrument: NA Organic Vapor Reading: <u>NA</u> Core Length: N.A. Sample Depth: 6 Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.)

Grain Size: M. Sand

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Appearance: Clan

Comments:

Munsell Color: Molinh Yellonh Bran

Sample Description Foreign Material: 📈

Soil Sampling Fi	eld Data	
	Project#: 93-221/27 Sampling Location	Environmental
Sample #: NK - XI94-5-075	2,54, #3	Field Services
Sample Location Info		
See Map		
Sample Data	Container (Quantity Preservative
Date: 5/11/95 Time: 1/12 Sampler: 07 Weather: Ood;		<i>I</i> - <u>I</u>
Sampling Device: Auger / Core Sampler / Shovel / Split Spoo Trowel / Other / Hand Field decon: Yes / No Dedicated Type of Sample Grab / Composite /	n	
Other		
Description Data		
Organic Vapor Reading: <u>NA</u>	Instrument: NA	_
Sample Depth: 6	Core Length: N.A.	
Sample Description: Sediment / Soil Type (ex. Lacustrine, We	tland, B Horizon, Outwash, Et	c.) -
10/1174	Grain Size: M. Jand.	
Sample Description Foreign Material:		•
Appearance: Clu		

Soil Sampling Field Data Client/Project Name: Pratt Whitney X194 Project #: 93-221/67 Sampling Location Environmental Project Location: 8. Hantind CT Sample #: NK- x 194-5-080 Zone#3 Field Services Sample Location Info See Map Sample Data Container Quantity Preservative Date: 5/11/95 Time: /4/351 G (4) Sampler: <u>07</u> Weather: Ood, Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/ Hand Field decon: Yes / No Dedicated Type of Sample Grab / Composite / Other___ Description Data Organic Vapor Reading: MA Instrument: NA Core Length: NA. Sample Depth: 6" Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Munsell Color: Molent Yellanh Bonn Grain Size: M. Sand

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Appearance: Clan

Comments:

Sample Description Foreign Material: 1/2-

Client/Project Name: Pratt: Whitrey X194	× 000000000000000000000000000000000000	93-221/とフ pling Locati	AB F	nvironmental
Project Location: 8. Hantfood CT		unig Eddau L #3		ield Services
Sample #: NK - X194 - 5 - 084	<u> </u>			ieid Gervices
Sample Location Info				,
See Map			•	
Sample Data		Container	Quantity	/ Preservative
Date: 5/11/95 Time: 15:42 Sampler: 07 Weather: 0004,	_	G (43)	1	工
Sampler: 0+ Weather: Wood,	·			
Sampling Device: Auger / Core Sampler / Shovel / Split Sp	ooon			
Trowel / Other Hand				
Field decon: Yes / No Dedicated				
Type of Sample Grab / Composite / Other				
Description Data				
Organic Vapor Reading: NA	Instrumen	t: <u>NA</u> *		
Sample Depth: 6"	Core Lenç	gth: <u>N.A.</u>		
Sample Description: Sediment / Soil Type (ex. Lacustrine,	Wetland, B H	lorizon, Outwast	n, Etc.)	
Munsell Color: Moline Yelland Brans	Grain Size	: M. Sand		
Sample Description Foreign Material:			-	
Appearance: Clam				
Comments:				

Soil Sampling Field Data Client/Project Name: Pratt Whitrey X194 Project #: 93-221/67 Sampling Location Project Location: E. Hantfood CT Environmental Sample #: NK - x 194-5-087 200 200 #3 Field Services Sample Location Info See Map Sample Data Container Quantity Preservative Date: <u>5/1195</u> Time: _/// \$5 -6(4) Weather: Ood, Sampler: _ \mathcal{OF} _____ Sampling Device: Auger / Core Sampler / Shovel / Split Spoon
Trowel / Other / Hand Field decon: Yes / No Dedicated Type of Sample Grab / Composite / Other _____ Description Data Organic Vapor Reading: NA Instrument: NA Core Length: NA. Sample Depth: _____ Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.)

Grain Size: M. Sand.

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Appearance:

Comments:

Munsell Color: Moderat Yellow (Brown

Sample Description Foreign Material: ______

Client/Project Name: Prat Whitrey X194 Project Location: 8. Hantford CT	Project #:	93-221/67 pling Locati	on E	nvironmental
Sample #: NK- X194-5-688		ne #5	XXXXXXX	eld Services
Sample Location Info				
See Map				
-				
Sample Data		Container	Quantity	Preservative
Date: $5/11/95$ Time: $1/9:58$ Sampler: 07 Weather: $000000000000000000000000000000000000$		G (4.)	1	I
Sampling Device: Auger / Core Sampler / Shovel / Split S Trowel / Other / Hand Field decon: Yes / No Dedicated	poon			
Type of Sample Grab / Composite / Other				
Description Data				
Organic Vapor Reading: NA	Instrumen	it: <u>NA</u>		
Sample Depth:6	Core Leng	gth: <u>N.A.</u>		
Sample Description: Sediment / Soil Type (ex. Lacustrine,	Wetland, B H	lorizon, Outwash	ı, Etc.)	
· · · · · · · · · · · · · · · · ·				
Munsell Color: Moderat Yelland Brown	Grain Size	e: M. Sand		
Sample Description Foreign Material: Nm				
Appearance: Clean				
Comments:				

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Soil Sampling 1	Field Da	ta		
Client/Project Name: Project Location: 8 Hartford CT	Samp	عراده المجارة ا Paramatan ing Location (1974) المجارة	on E	nvironmental
Sample #: NK - X194 - 5 + 611 ***	Zon	į#3 ·	F	ield Services
Sample Location Info				
See Map				
·				
Sample Data		Container	Quantity	Preservative
Date: <u>5/1/95</u> Time: <u>14:53</u> Sampler: <u>07</u> Weather: <u>000dg</u>		G (4;)	1 -	H
Sampling Device: Auger / Core Sampler / Shovel / Split Sp Trowel / Other/	poon			
Field decon: Yes / No Dedicated				
Type of Sample: Grab / Composite / Other				
Description Data				
Organic Vapor Reading: <u>NA</u>	Instrument:	NA		-
Sample Depth: 6~	Core Lengti	1: <u>N.A.</u>		
Sample Description: Sediment / Soil Type (ex. Lacustrine,	Wetland, B Ho	rizon, Outwash	, Etc.)	
	-			
Munsell Color: Moderate Velland Brown	Grain Size:	M. Sand		
Sample Description Foreign Material:				
Appearance: Clean				

Soil Sampling Field I	Data		
	npling Locati		vironmental
	ine #3	E Fie	ld Services
Sample Location Info			
See Map			
Sample Data	Container	Quantity	Preservative
Date: $5/1/95$ Time: 15^{101} Sampler: 07 Weather: $00d_1$	G (4,)	J	=
,			
Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other Hand			
Field decon: Yes / No Dedicated			
Type of Sample Grab / Composite / Other			
Other			
escription Data			
Organic Vapor Reading: NA Instrum	ent: NA		
Sample Depth: 6 Core Le	ength: <u>N.A.</u>		
Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, E	B Horizon, Outwash	ı, Etc.)	
· · · ·			
Munsell Color: Molent Yelland Brun Grain S	ize: M. San	1	
Sample Description Foreign Material: WA:			
Appearance: Clean			

Don bumping i					
Client/Project Name: Pratt Whitrey X194	29 0.300000000000000000000000000000000000	93-221/c7			
Project Location: E. Harffred CT		iling Locati			ronmental
Sample #: NK - X194-5-093	<u> </u>	,#3 ···	•	Field	Services
Sample Location Info					
See Map				,	
β				•	
Sample Data		Container	Qua	ntity	Preservative
Date: 5/11/95 Time: 15:05 Sampler: 07 Weather: Ood,		G (47)	1	İ	
vicanion <u>assay</u>					
Sampling Device: Auger / Core Sampler / Shovel / Split Sp	oon				
Trowel / Other/Ham. Field decon: Yes / No Dedicated					
	•				
Type of Sample Grab / Composite / Other					
Description Data					
Organic Vapor Reading: NA	Instrument	NA			
Sample Depth:	Core Leng	th: <i>N.A.</i>			
Sample Description: Sediment / Soil Type (ex. Lacustrine, V	Wetland, B Ho	orizon, Outwash	, Etc.)		
			,		
Munsell Color: M-linet Yillow & rown	Grain Size	M Sara	<u>, </u>		
Sample Description Foreign Material:					
Appearance: Clean					

Joh Dampin	ing I lette D			
Client/Project Name: Pratt Whitrey X194	Project #:	93-221/67		
Project Location: E. Hartfred CT	Sam	pling Location	on En	vironmental
Project Location: 8. Hanfield CT Sample #: NK - X194-5-094	2	w#3	000000000000000000000000000000000000000	eld Services
Sample Location Info				
See Map				
	e e			
Sample Data		Container	Quantity	Preservative
Date: <u>5/11/95</u> Time: <u>15:07</u> Sampler: <u>07</u> Weather: <u>Closely</u>	 .	G (4,)	, ~	I
Vicanici. 23327				
Sampling Device: Auger / Core Sampler / Shovel / S	Split Spoon			
Field decon: Yes / No Dedicated				
3				
Type of Sample: Grab / Composite / Other				
Description Data				
Organic Vapor Reading: NA	Instrumer	nt: <u>NA</u>		
		gth: <u>N.A.</u>		
Sample Depth: 6"	Core Len	gth: _/ <u>///</u> .		
Sample Description: Sediment / Soil Type (ex. Lacus	strine, Wetland, B H	lorizon, Outwash	, Etc.)	
1 / / / / 2				
Munsell Color: Molerat Velland Brans	Grain Size	e: M. Sand.		
Sample Description Foreign Material:				
Appearance: Clean				
Comments:				

Soil Sampling F	Field Da	ata		
Client/Project Name: Prati Whitrey X194 Project Location: E. Hartfred CT	Samp	93-22/27 ling Locati	on E	Environmental
Sample #: NK- X194-5-095	1 2m	. #2	F	Field Services
Sample Location Info				
See Map				
Sample Data		Container	Quantit	y Preservative
Date: 5/1/95 Time: 15:08 Sampler: 07 Weather: 00dg	- 	G (4°))	1-	E
Sampling Device: Auger / Core Sampler / Shovel / Split Sport Trowel / Other / Idams Field decon: Yes / No Dedicated	oon			
Type of Sample Grab / Composite / Other				
Description Data				
Organic Vapor Reading: NA	Instrument	· NA		
Sample Depth:	Core Leng	th: <u>N.A.</u>		
Sample Description: Sediment / Soil Type (ex. Lacustrine, V	Wetland, B Ho	orizon, Outwash	n, Etc.)	
	•	* ·		
Munsell Color: Moderat Yellash Brans	Grain Size:	M. Ser	<u>(</u>	
Sample Description Foreign Material:				
Appearance: Clam				

Soil Sampling Field Data Client/Project Name: Pratt Whitrey X194 Project #: 93-221/とつ Project Location: ٤. ドゥナリップ cデ Sampling Location Sample #: NK- ×194-5-096 こんち Sampling Location Environmental Field Services Sample Location Info See Map Sample Data Container Preservative Quantity Time: 15:47
Weather: Ook, Date: 5/11/95 G (4) I 1-Sampler: 07 Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/ Han Field decon: Yes / No Dedicated Type of Sample Grab / Composite / Other _____ Description Data Instrument: NA Organic Vapor Reading: MA Core Length: NA. Sample Depth: 6" Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Munsell Color: Molerat Whook Brown Grain Size: M. Sand,

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Appearance: Clan

Comments:

Sample Description Foreign Material: Mm.

Project Name: Pratt: Whitney X1941 Project Location: E. Harfford CT Sample #: 11/k = X194 - S - 0221 Sample Location Info	Project #: 93-221/67 Sampling Location 2nd	Environmental Field Services
Sec Map		
Sample Data		antity Preservative
Sampler: 1503 Weather: Clocky Sampling Device: Auger / Core Sampler / Shovel / Split Sport		Ice
Field decon: Yes / No A Dedicated		
Type of Sample: Grab Composite / Other		
Description Data		
Organic Vapor Reading: <i>NA</i>	Instrument: NA	
Sample Depth: 5	Core Length: NA	
Sample Description: Sediment / Soil Type (ex. Lacustrine, W	etland, B Horizon, Outwash, Etc.))
Munsell Color: Molarade Month Brown	Grain Size: M. Sand.	-
Sample Description Foreign Material:	·	
Appearance: Clim		
Comments: Confirmating Simpl.		

Soil Sampling Field Data Client/Project Name: Pratt: Whitney X19-1 Project #: 93-221/67 Project Location: E. Hastford CT Sampling Location Environmental Sample #: Nk- X194-5-0774 Zor #1 Field Services Sample Location Info Sec Map Sample Data Container Quantity Preservative Date: 5/15/95 Time: 15:10
Sampler: 17 Weather: Closhy Ice 6 (47) 1 -Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other Hand Field decon: Yes / No Dedicated Type of Sample: Grab Composite / Other _____ Description Data Organic Vapor Reading: NA Instrument: NA Core Length: NA Sample Depth: _____ Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.)

	,		
Comments:	Confirmaty	Sumph	

Sample Description Foreign Material: ______

Munsell Color: Molank Yellowh Brown Grain Size: M. Sand.

Appearance: (2...

Soil Sampling Field Data Client/Project Name: Pratt Whitrey X194 Project #: 93-221/67 Sampling Location Environmental Project Location: E. Hantfred CT Sample #: NK- X194-5-097 2-2-2 Field Services Sample Location Info See Map Sample Data Container Quantity Preservative Date: <u>5/1/195</u> 6 (47) Weather: Ood, Sampler: 07 Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other Hand Field decon: Yes / No Dedicated Type of Sample, Grab / Composite / Other ____ Description Data Organic Vapor Reading: *NA* Instrument: NA Core Length: N.A. Sample Depth: _____ Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Munsell Color: Machart Yellanh Brown Grain Size: M. Sand

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Appearance: Che

Comments:

Sample Description Foreign Material: 1

Soil Sampling Field Data Client/Project Name: Pratt Whitrey X194 Project #: 93-221/67 Sampling Location Project Location: 8. Hantfood CT Environmental Sample #: NK- X194-5-098 Z~43 Field Services Sample Location Info See Map Sample Data Container Quantity Preservative Date: 5/11/95 Time: 15:10

mpler: 07 Weather: Clady 6-(4) \equiv Sampler: 07 Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other Field decon: Yes / No Dedicated Type of Sample; Grab / Composite / Description Data Organic Vapor Reading: <u>NA</u> Instrument: NA Core Length: N.A. Sample Depth: 6' Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Munsell Color: Modush Illand Brown Grain Size: M. Saml

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Sample Description Foreign Material: None

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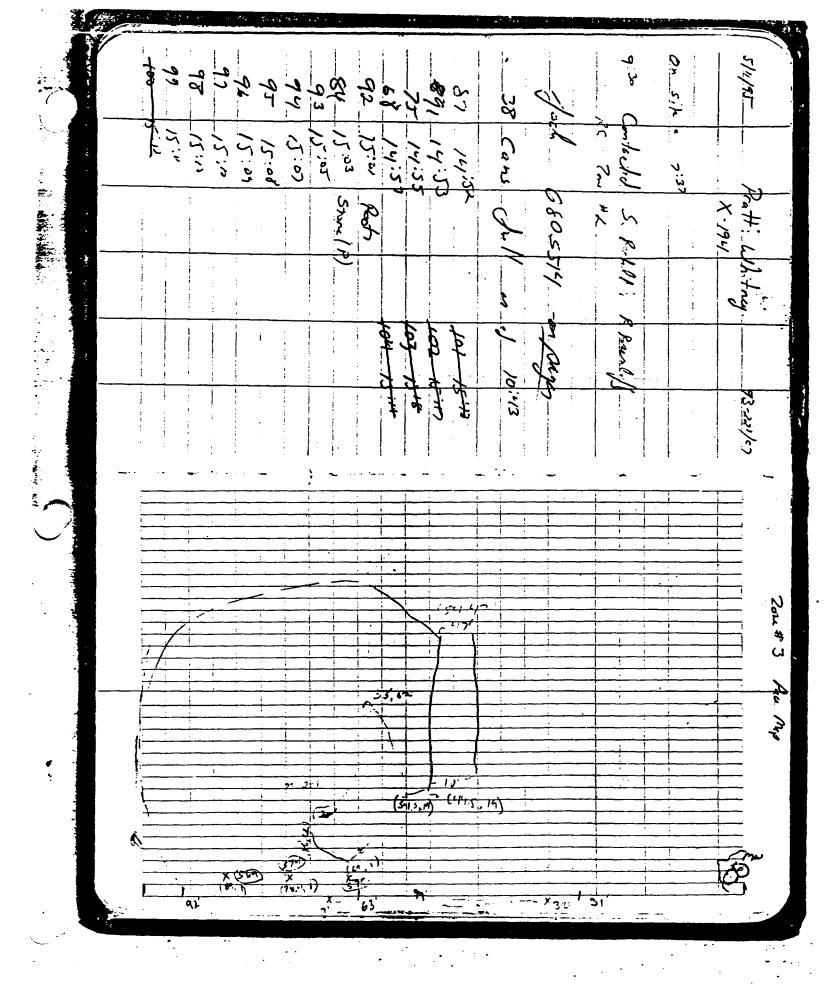
Appearance: (fig.

Soil Sampling Field Data Client/Project Name: Pratt Whitney X194 Project #: 93-221/67 Sampling Location Environmental Project Location: 8. Hantful CT Sample #: NK- X194-5-099 ** Field Services Sample Location Info See Map Sample Data Preservative Container Quantity Date: 5/11/95 Time: 15-11
Sampler: 07 Weather: Cody G (47) I Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other Field decon: Yes / No Dedicated Type of Sample Grab / Composite / Other ____ Description Data Instrument: NA Organic Vapor Reading: <u>NA</u> Core Length: N.A. Sample Depth: ___6___ Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.)

Munsell Color: Molank Yellonk Brow Grain Size: M. Sand Grain Size: M. Sand Sample Description Foreign Material: Mrc.

Comments:

Appearance: Cham



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Soil Samplin	g Field Da	ata		
Client/Project Name: Pratt: Whitney X194	Project #:	93-221/07		
Project Location:	Samp	oling Locati	ion En	vironmental
Sample #: ルペー×/94-5- 100	Zor	u#3	Fie	eld Services
Sample Location Info				
See Map				
Sample Data		Container	Quantity	Preservative
Date: $5/12/95$ Time: 13.51 Sampler: 07 Weather: Clarky		G- (2)	,	I
Sampler: 07 Weather: Clarky		0 (3	! '	
 Sampling Device: Auger / Core Sampler / Shovel / Spl	lit Spoon			
Trowel / Other/ Hand		_		
Field decon: Yes / No / Dedicated				
Type of Sample Grab Composite / Other				
Description Data				
Organic Vapor Reading: NA	Instrument	:: <u>NA</u>		
Sample Depth: 6"	Core Leng	th: NA		
Sample Description: Sediment / Soil Type (ex. Lacustri	ine, Wetland, B H	orizon, Outwas	h, Etc.)	
Munsell Color: M. luat Lellas L Bran	Grain Size	: M Sans	9	
Sample Description Foreign Material:				
Appearance: Clean				

Soil Sampling 1	Field Data		
Client/Project Name: Pratt: Whitney X194 Project Location:	Project #: 93-22/ /د: Sampling Loca	tion Env	rironmental
3ample #: Nk-X194-s-101	Zone#3	Flei	d Services
Sample Location Info			
See Map			
Sample Data	Container	Quantity	Preservative
Date: 5/12/95 Time: 13:52 Sampler: 07 Weather: Clarky	- G- (23)	1	Ţ
Sampling Device: Auger / Core Sampler / Shovel / Split Spring Trowel / Other / Hand Field decon: Yes / No / Dedicated	poon		
Type of Sample Grab Composite / Other			
Description Data			
Organic Vapor Reading: <u>VA</u>	Instrument: <u>NA</u>		
Sample Depth: 6"	Core Length: M		
Sample Description: Sediment / Soil Type (ex. Lacustrine,	Wetland, B Horizon, Outwa	sh, Etc.)	
Munsell Color: M. Leak Look Dan	Grain Size: M San	<u></u>	
Sample Description Foreign Material:			
Appearance: Clean			

Soil Sampling	Field Data		
Client/Project Name: Project Location: Sample #: Nk-X194-5-102	Project #: 93-22) /c7 Sampling Location Zone#3	\$2685520000 1	ironmental d Services
Sample Location Info	<u>* 2012 3 </u>		
See Map			
Sample Data	Container	Quantity	Preservative
Date: $5/12/45$ Time: 13.54 Sampler: 0.7 Weather: Clarky		1	I
Sampling Device: Auger / Core Sampler / Shovel / Split S Trowel / Other / L/and Field decon: Yes / No / Dedicated Type of Sample Grab Composite / Other	Spoon		
Description Data			
Organic Vapor Reading:	Instrument: NA		
Sample Depth: _5 **	Core Length:	····	
Sample Description: Sediment / Soil Type (ex. Lacustrine	, Wetland, B Horizon, Outwash,	, Etc.)	-
Munsell Color: M. last Sellas Bran	Grain Size: M Sand	7	
Sample Description Foreign Material:			
Appearance: Clean			•

Soil Sampling F	Field Data		
Client/Project Name: Praff: Whitney X194 Project Location:	Project #: 93-22/ /c7 Sampling Loca		rironmental
Sample #: ルk-x/14-s-103	Zone#3	Fiel	d Services
Sample Location Info			
See Map			
Sample Data	Container	Quantity	Preservative
Date: 5/12/95 Time: 13:55 Sampler: 07 Weather: Clarky	G- (3)	1	工
Sampling Device: Auger / Core Sampler / Shovel / Split Spart Trowel / Other / Hand Field decon: Yes / No / Dedicated Type of Sample Grab Composite / Other	oon		
ି escription Data			
Organic Vapor Reading: NA	Instrument: NA		
Sample Depth: 6"	Core Length:	· · · · · · · · · · · · · · · · · · ·	ı
Sample Description: Sediment / Soil Type (ex. Lacustrine, V	Vetland, B Horizon, Outwas	sh, Etc.)	-
Munsell Color: Melerak Lellash Bran	Grain Size: M San	<i>9</i> .	
Sample Description Foreign Material:			
Appearance: Clean			

Soil Sampling	Field Data		
Client/Project Name: Praff: Whitney X194 Project Location:	Project #: 93-22/67 Sampling Locat	10000000000000000000000000000000000000	ironmental
Tample #: Nk-X194-5-104	Zone#3	Fiel	d Services
Sample Location Info			
See Map			
Sample Data	Container	Quantity	Preservative
Date: 5/12/95 Time: 13.57 Sampler: 07 Weather: Clarky	- G-(Y)	1	I
Sampling Device: Auger / Core Sampler / Shovel / Split S Trowel / Other / Hand Field decon: Yes / No / Dedicated	poon		
Type of Sample Grab Composite / Other			
Description Data			
Organic Vapor Reading: NA	Instrument: <u>NA</u>		
Sample Depth: 6"	Core Length: M		
Sample Description: Sediment / Soil Type (ex. Lacustrine,	Wetland, B Horizon, Outwas	n, Etc.)	-
Munsell Color: M. Leah , ella L Bran	Grain Size: M San	0	
Sample Description Foreign Material:	-		
Appearance: Clean			

Soil Sampling Field Data Client/Project Name: Pratt: Whitney X194 Project #: 93-221/07 Sampling Location Environmental Project Location: Sample #: Nk-x194-s-105 20ne#3 Field Services Sample Location Info See Map Sample Data Container Quantity Preservative Date: 5/12/95 Time: 14.01 G (4) \mathcal{T} 1 Sampler: 07 Weather: Clarky Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/ Hand Field decon: Yes / No / Dedicated Type of Sample Grab Composite / Other _____ Description Data Instrument: NA Organic Vapor Reading: NA Core Length: M Sample Depth: 6 Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.)

Grain Size: M Sand

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Appearance: Clean

Comments:

Munsell Color: Melerak Ilash Bran

Sample Description Foreign Material: //

Soil Sampling Field Data Client/Project Name: Pratt: Whitney X194 Project #: 93-221/c7 Sampling Location Environmental Project Location: Sample #: 1016-1094-5-106-118 Zone#3 Field Services Sample Location Info See Map Sample Data Container Quantity Preservative Date: 5/12/95 Time: 13.21 Sampler: 0.7 Weather: Clarky G- (4) \mathcal{I} 1 Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/ Hand Field decon: Yes / No / Dedicated Type of Sample Grab Composite / Other _____ nescription Data Organic Vapor Reading: VA Instrument: NA Sample Depth: 6 Core Length: M Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.)

Munsell Color: M. least Stan Grain Size: M Sand

Sample Description Foreign Material: ______

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Appearance: Clean

Son Samping 1	riela Di	ala			
Client/Project Name: Pratt: Whitney X194	Project #:	93-221/07			
Project Location:	Samp	oling Locati	on	Envir	onmental
Sample #: ルドー×194-5-10フ ************************************	Zor	u#3		Field	Services
Sample Location Info					
See Map	70.70.00				
Sample Data		04	0		December
•		Container	Quar	itity	Preservative
Date: 5/12/95 Time: 13:32 Sampler: 07 Weather: Clarky	_	G (3)	1		\mathcal{I}
Sampling Device: Auger / Core Sampler / Shovel / Split Sp					
Trowel / Other/ Hand	,0011				
Field decon: Yes / No / Dedicated					
Type of Sample Grab Composite /					
Other					
Description Data			<u> </u>		
Organic Vapor Reading: NA	Instrumen	t: <u>NA</u>			
Sample Depth: 6"	Core Leng	th: M		_	
Sample Description: Sediment / Soil Type (ex. Lacustrine, \	Wetland, B H	orizon, Outwas	h, Etc.)		
		•			
Munsell Color: Melvah Cellash Bran	Grain Size	: M San	<u> </u>		
Sample Description Foreign Material:					
Appearance: Clean					

Soil Sampling	z Hield Dai	:ล		
Client/Project Name: Pratt: Whitney X194	Project #: 9	3-221/07		
Project Location:	Sampli	ng Locat	on En	vironmental
'ample #: ルトーンタリーター / 08	Zoni	.#3	Fie	ld Services
Sample Location Info				
See Map				
Sample Data		Container	Quantity	Preservative
Date: 5/12/95 Time: 13:18 Sampler: 07 Weather: Clarky		G- (2)	1	
Sampling Device: Auger / Core Sampler / Shovel / Split Trowel / Other / L/a nd Field decon: Yes / No / Dedicated	t Spoon			
Type of Sample Grab Composite / Other				
escription Data				
Organic Vapor Reading: <u>NA</u>	Instrument:	NA		
Sample Depth: 6	Core Length	: NA		
Sample Description: Sediment / Soil Type (ex. Lacustrin	ne, Wetland, B Hori	izon, Outwasi	h, Etc.)	**
Munsell Color: M. leak Color Bran	Grain Size:	M Sans	0	
Sample Description Foreign Material:				
Appearance: Clean				

Soil Sampling F	Field Da	ata		
Client/Project Name: Pro#: Whitney X194 Project Location:	Samp	93-221/c7 ling Locati	on	Environmental
Sample #: ルドーショリー s ー 109 ***********************************	Zor	u#3		Field Services
Sample Location Info				
See Map				
Sample Data		Container	Quan	ntity Preservative
Date: 5/12/95 Time: 13-15 Sampler: 07 Weather: Clarky		G- (3)	1	I
Sampling Device: Auger / Core Sampler / Shovel / Split Spo Trowel / Other / Hand Field decon: Yes / No / Dedicated	oon			
Type of Sample: Grab Composite / Other				
escription Data				
Organic Vapor Reading: NA	Instrument	: NA		
Sample Depth: 6"	Core Leng	th: M		
Sample Description: Sediment / Soil Type (ex. Lacustrine, W	Vetland, B Ho	orizon, Outwas	n, Etc.)	
Munsell Color: Melsah Slack Ban	Grain Size:	M San	<u>!</u>	
Sample Description Foreign Material: 🚈				
Appearance: Clean				

Client/Project Name: 2 // / / / //			——	
Client/Project Name: Pra#: Whitney X194 Project Location:	\$2,000 and 100	<i>عرر دد-93</i> pling Locati	on F	invironmental
3ample #: Nk-X14-s- 110		ne#3		ield Services
Sample Location Info				
See Map				
Sample Data		Container	Quantity	Preservative
Date: 5/12/95 Time: 13:17 Sampler: 07 Weather: Clarky	_	G- (3)	1	エ
Sampling Device: Auger / Core Sampler / Shovel / Split	poon			
Description Data				
Organic Vapor Reading: NA	Instrumen	t: <u>NA</u>		
Sample Depth: _6	Core Leng	gth: M		
Sample Description: Sediment / Soil Type (ex. Lacustrine,	Wetland, B H	lorizon, Outwasl	n, Etc.)	
Munsell Color: M. Luck Velland Bran	Grain Size	e: M San	<i>!</i>	
Sample Description Foreign Material:	*** <u>**</u>			
Appearance: Clean				
Comments:				

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Soil Sampling I	Field Data			
Client/Project Name: Praff: Whitney X194 Project Location:	Project #: 93-22 Sampling I	_ocation		onmental
Sample #: ルドーメッチーター // /	Zone#3		Field	Services
Sample Location Info				
See Map				
Sample Data	Cont	ainer Qu	antity I	Preservative
Date: $5/12/95$ Time: 13.19 Sampler: 07 Weather: Clarky	- G	· (~) 1		Ţ
Sampling Device: Auger / Core Sampler / Shovel / Split Sp Trowel / Other / Hand Field decon: Yes / No / Dedicated Type of Sample Grab Composite / Other	ooon			
escription Data				
Organic Vapor Reading: <u>NA</u>	Instrument: _N	·A		
Sample Depth: _6 **	Core Length:	A		
Sample Description: Sediment / Soil Type (ex. Lacustrine, '	Wetland, B Horizon,	Outwash, Etc.)		
				-
Munsell Color: M. Luch Lelas L Bran	Grain Size: M	Sand		
Sample Description Foreign Material:				
Appearance: Clean				

Soil Sampling Field Data Client/Project Name: Pratt: Whitney X1941 Project #: 93-221/67 Project Location: E. Harfford CT Sampling Location

Sample #: 1/k - ×194 - S - 001 Zmc #1 Sampling Location Environmental Field Services Sample Location Info Su Map Sample Data Container Quantity Prescivative Date: 5/15/95 Time: _//:/? Ice G ("1) Sampler: Weather: Closky Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other Ham Field decon: Yes / No / Dedicated Type of Sample: Grab Composite / Other _____ Description Data Organic Vapor Reading: NA Instrument: NA Sample Depth: _____ Core Length: NA

Grain Size: M. Sund.

Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.)

Comments:

Appearance: Cem

Munsell Color: Milian Flack Brown

Sample Description Foreign Material: Mr

Client/Project Name: Pratt: Whitney X1941 Project Location: E. Harfford CT Sample #: Nk - X1941 - S - EXX Sample Location Info Sec Map	Project #: Samj	93-21/67 pling Locati با		Environmental Field Services
Sample Data		Container	Quantit	y Preservative
Date: 5/15/95 Time: 15.00 Sampler: Weather: Clocky Sampling Device: Auger / Core Sampler / Shovel / Split Sport Trowel / Other found Field decon: Yes / No / Dedicated Type of Sample: Grab Composite / Other		G ("7)	Í	Tee
Description Data				
Organic Vapor Reading: Sample Depth: Sample Description: Sediment / Soil Type (ex. Lacustrine, V	Core Leng	ot: <u>NA</u> gth: <u>NA</u> dorizon, Outwash		
Munsell Color: Moderal Vellach Brown	Grain Size	e: M. San	/	
Sample Description Foreign Material:				
Appearance: Clean				
Comments: Confirmating Sompl				

Soil Sampling Field Data Client/Project Name: Pra # : Whitney X 194 Project #: 93-221/c7 Project Location: 5. Harflord Sampling Location Environmental ample #: N/k - x/91/-S - 003 # 200 # 1 Field Services Sample Location Info Au Majo Sample Data Container Quantity Preservative Date: 5/15/95 6(4,1 Sampler: _______ Weather: _Clea Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/Hand Field decon: Yes / No / Dedicated Type of Sample; Grab / Composite / Other escription Data Organic Vapor Reading: MP Instrument: NA Core Length: $\nearrow \nearrow$ Sample Depth: 6 3 Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Munsell Color: 2 lone Tellast Brown Grain Size: M. San Sample Description Foreign Material: Winc Appearance: Cla

Soil Sampling Field Data Client/Project Name: Pra # : Whitney X194 Project #: 93-221/c7 Project Location: E. Huntford Sampling Location Environmental roject Location: 2. Hantfird Sampling Education:

Sample #: N/2 - X194 - S - 204 Z - 2 1 Field Services Sample Location Info ⁵⁷Quantity Sample Data Container Preservative Time: 15:2-Weather: Clim Date: 5/15/95 6 (45) \mathcal{I} Sampler: _________ Sampling Device: Auger / Core Sampler /, Shovel / Split Spoon Trowel / Other/ Hand Field decon: Yes / No / Dedicated Type of Sample: Grab / Composite / Other 'escription Data Instrument: M Organic Vapor Reading: MA Sample Depth: 3 Core Length: NF Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Munsell Color: Molante Yellowit Brown Grain Size: M. Sund

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Appearance:

Comments:

Chan

Sample Description Foreign Material:

Son Sampining i	Ligid Da	ila		
Client/Project Name: Pratt: Whitney X1941	Control of the Contro	93-221/67		
Project Location: E. Harfford CT	Samp	ling Locati	on En	vironmental
Sample #: //k_ X/94 - S - 005	20	<i>ب</i> # ا	Fie	eld Services
Sample Location Info				
Sec Map				
Sample Data		Container	Quantity	Preservative
Date: 5/15/95 Time: 11-15 Sampler: 17- Weather: Clocky	_	G ("1)	1	Ice
Sampler: 1 Weather: Closhy				
Sampling Device: Auger / Core Sampler / Shovel / Split Sp Trowel / Other / Hand Field decon: Yes / No / Dedicated	poon			
Type of Sample: Grab Composite / Other				
Description Data				
Organic Vapor Reading: NA	Instrument	NA		
Sample Depth: <u>''</u>	Core Leng	th: NA		
Sample Description: Sediment / Soil Type (ex. Lacustrine,	Wetland, B Ho	orizon, Outwash	ı, Etc.)	
Munsell Color: Middle Yellock Brown.	Grain Size:	m. Jan		
Sample Description Foreign Material: Mm				
Appearance: Clam				
Comments:				

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Soil Sampling Field Data Client/Project Name: Pratt: Whitney X1941
Project Location: E. Harfford CT Project #: 93-221/67 Project Location: E. Harfford CT Sampling Location Environmental Sample #: Nk = x/94 - 5 = 004 24.4Field Services Sample Location Info Sec Map Sample Data Container Quantity Preservative Date: 5/15/95 Time: 11.19 Sampler: 11.19 Weather: Closely G (47) Ice Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/Hand Field decon: Yes / No / Dedicated Type of Sample: Grab Composite / Other ____ Description Data Organic Vapor Reading: NA Instrument: NA Core Length: NA Sample Depth: ______ Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.)

Grain Size: M. Sant.

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Appearance: (Mm

Comments:

Munsell Color: Moderat Vollah Brown

Sample Description Foreign Material: Mr.

Soil Sampling Field Data Client/Project Name: Praff Whitney X1941
Project Location: E Harfford CT Project #: 93-221/67 Sampling Location Environmental Sample #: 1/k- ×194-5-007 Zon#1 Field Services Sample Location Info See Map Sample Data Preservative Container Quantity Date: 5/15/95 Time: 11:05 G (47) Ic. Weather: Closhy Sampler: 177 Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other Hand Field decon: Yes / No Dedicated Type of Sample: Grab Composite / Other _____ Description Data Organic Vapor Reading: NA Instrument: NA Sample Depth: _______ Core Length: NA Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Munsell Color: Moderate Yelland Brown Grain Size: M. Sand

Comments:

Appearance: Clem

Sample Description Foreign Material: None

Soil Sampling Field Data Client/Project Name: Pratt: Whitney X1941 Project #: 93-221/67 Project Location: E. Hartford CT Project Location: E. Harfford CT

Sample #: 1/k - X194 - S - DOF

Zonc #1 Sampling Location Environmental Field Services Sample Location Info See Map Sample Data Container Preservative Quantity Date: 5/15/95 Time: 11^{-32} Sampler: 10^{-32} Weather: Clocky 6(47) Ice Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other Hand Field decon: Yes / No Dedicated Type of Sample: Grab Composite / Other _____ Description Data Organic Vapor Reading: NA Instrument: VA Sample Depth: _____ Core Length: NA Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.)

Grain Size: M. Sml

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Appearance: din

Comments:

Munsell Color: M. lash Glash Brans

Sample Description Foreign Material: Mr

Soil Sampling Field Data Client/Project Name: Praff: Whitney X1941
Project Location: E. Harfford CT Project #: 93-221/67 Sampling Location Environmental Sample #: 1/k = X/94 - 5 = 009 200 Zinc #/ Field Services Sample Location Info Sec Map Sample Data Container Quantity Preservative Date: 5/15/95 Time: 10:59

mpler: 177 Weather: Closhy Ice 6 (49) Sampler: D Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other Hand Field decon: Yes / No Dedicated Type of Sample: Grab Composite / Other ____ Description Data Organic Vapor Reading: NA Instrument: NA Core Length: NA Sample Depth: _____ Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.)

Grain Size: M. Sand

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Appearance: Clim

Comments:

Munsell Color: Molling Fellowh Brown

Sample Description Foreign Material: Www

Soil Sampling Field Data Client/Project Name: Fratt: Whitney X19-1 Project #: 93-221/67 Project Location: E. Harfford CT Sampling Location Environmental Pample #: Nk_ X194-S-OD Zon #1 Field Services Sample Location Info Sec Map Sample Data Container Quantity Preservative Time: 10:58 Date: 5/15/95 6 (4.) $\mathcal{I}_{\mathcal{L}}$ Weather: Closely Sampler: 17 Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other Hand Field decon: Yes / No L Dedicated Type of Sample: Grab Composite / Other _____ Description Data Organic Vapor Reading: NA Instrument: NA Core Length: NA Sample Depth: _____ Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Munsell Color: Moderate Yellah Brown Grain Size: M Sand

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Appearance: Clem

Comments:

Sample Description Foreign Material: The

Soil Sampling Field Data Client/Project Name: Praff: Whitney X1941 Project #: 93-221/67 Project Location: E. Hartford CT Sampling Location Environmental Field Services Sample Location Info See Map Sample Data Container Preservative Quantity Date: 5/15/95 Time: 10:54 6 (47) Ice Sampler: 17 Weather: Closely Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other Hand Field decon: Yes / No (Dedicated) Type of Sample: Grab Composite / Other ____ Description Data Organic Vapor Reading: NA Instrument: $\mathcal{N}\mathcal{A}$ Sample Depth: __^{t/} Core Length: NA Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.)

Munsell Color: Michael Kellah Brown Grain Size: m Sand.

Sample Description Foreign Material: My

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Appearance: (Pear

Soil Sampling Field Data Client/Project Name: Praff Whitney X1941
Project Location: E. Harfford CT Project #: 93-221/67 Sampling Location Environmental Sample #: 1/k - x/94 - S - O/2 2004 Field Services Sample Location Info Sec Map Sample Data Preservative Container Quantity Time: 10:55 Date: 5/15/95 Ice G (4.) Sampler: 17 Weather: Closhy Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other Hand Field decon: Yes / No / Dedicated, Type of Sample: Grab / Composite / Other _____ Description Data Organic Vapor Reading: NA Instrument: NA Sample Depth: _____ Core Length: NA Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.)

Grain Size: M. S. s.

Appearance: Cem

Comments:

Munsell Color: Moderate Vellant Brann

Sample Description Foreign Material: More

Soil Sampling Field Data

Client/Project Name: Praff: Whitney X1941 Project #: 93-Project #: 93-221/67

Project Location: E. Harfford CT

Sampling Location

Sample #: 1/k - X194 - S - OB

Zam # 1 Sampling Location

Environmental Field Services

Sample	Location	Info
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Sec Map

Sample Data	Container	Quantity	Preservative
Date: 5/15/95 Time: 10.51 Sampler: 17 Weather: Closely	6 (49)	1	Ice
Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other / Hond. Field decon: Yes / No / Dedicated			
Type of Sample: Grab Composite / Other			

Description Data

Organic Vapor Reading: NA	Instrument: NA
Sample Depth:	Core Length: NA
Sample Description: Sediment / Soil Type (ex. Lacustrine, W	etland, B Horizon, Outwash, Etc.)
Munsell Color: Moderate Vellant Brawn	Grain Size: M. Sand
Sample Description Foreign Material:	
Appearance: Clean	

Soil Sampling Field Data Client/Project Name: Praff: Whitney X1941 Project #: 93-221/67 Project Location: E. Harfford CT Sampling Location Environmental Sample #: Nk = X194 - S - OH 20 Zonc#1 Field Services Sample Location Info Sec Map Sample Data Container Quantity Preservative Date: 5/15/95 Time: 10:50 6 (47) Ice Weather: Closely Sampler: \mathcal{O} Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other Hand Field decon: Yes / No / Dedicated Type of Sample: Grab Composite / Other _____ Description Data Organic Vapor Reading: NA Instrument: NA Core Length: NA Sample Depth: 4 Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Munsell Color: Molach Vellowh Brown Grain Size: M. Sand

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Appearance: Claim

Comments:

Sample Description Foreign Material: Msc

Soil Sampling Field Data Client/Project Name: Project #: 93-221/c7

Project Location: S. Hanfford cT Sampling Location

Sample #: NX-X94-5-12 Sampling Location Environmental Field Services Sample Location Info Su Map Sample Data Container Preservative Quantity Time: 9.50 Date: 5/16/95 G (4-1) 工 1 Sampler: _ 07 Weather: ______ Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/Hand Field decon: Yes / No / Dedicated Type of Sample: Grab Composite /
Other _____ Description Data Organic Vapor Reading: NA Instrument: NA Core Length: N-A Sample Depth: _____ Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Munsell Color: Molerate Mark Brown Grain Size: M. Sand

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Appearance: Clean

Comments:

Sample Description Foreign Material:

Soil Sampling Field Data Client/Project Name: Pratt: Whitney X194 Project #: 93-221/c7 Project Location: E. Hartford CTG Sampling Location Environmental 2 2m #3 Fample #: NK - XP4-5- 119D Field Services Sample Location Info Sea. May Sample Data Container Quantity Preservative Date: 5/4/95 Time: 16:45 G (49) Weather: Och Pain Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other Idand Field decon: Yes / No Dedicated Type of Sample: Grab / Composite / Other _____ **Description Data** Instrument: NA. Organic Vapor Reading: NA Sample Depth: / r Core Length: NA Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.)

Munsell Color: M. lerate Yella L Brown Grain Size: # Sa

Sample Description Foreign Material:

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Appearance: Clean

Soil Sampling F	ield Da	ata			
Client/Project Name: Project Location:	000000000000000000000000000000000000000	93- <i>221/</i> <7 ling Locati	on	Envi	ronmental
`ample #: N/k ~ X/94/~ S ~ 030F	2,	ne than		Field	Services
Sample Location Info					
Su Map.					
Sample Data		Container	Qua	ntity	Preservative
Date: 5/18/95 Time: 13:58 Sampler: 07 Weather: Clean		6(4,)	,		I
Sampling Device: Auger / Core Sampler / Shovel / Split Spo Trowel / Other Hand Field decon: Yes / No Dedicated	on				
Type of Sample: Grab / Composite / Other					
escription Data					
Organic Vapor Reading: 12 12	Instrument	: NA			
Sample Depth:	Sample Depth: Core Length: MA				
Sample Description: Sediment / Soil Type (ex. Lacustrine, W	etland, B H	orizon, Outwasł	n, Etc.)		
Munsell Color: M. Link Hilland Brain	Grain Size	: M Sono			
Sample Description Foreign Material:	<u>o. </u>				
Appearance: Clean,					

Soil Sampling Field Data

Client/Project Name: Proff: Whitney X19-1 Project Location: E Harfford CT Sample #: 1/k = X194 - S - 082 4	Project #: Samp	93- <i>عرادد</i> 7 oling Locati #3	on		nmental Services
Sample Location Info					
See Map					
Sample Data		Container	Quan	tity P	reservative
Date: 5/15/95 Time: 45 /4:59 Sampler: 19 Weather: Closchy Sampling Device: Auger / Core Sampler / Shovel / Split Sp Trowel / Other/fond Field decon: Yes / No / Dedicated Type of Sample: Grab Composite /		G (49)	1	5	د
Other					
Description Data					
Organic Vapor Reading: <i>NA</i>	Instrumen	t: <u>NA</u>	· · · · · · · · · · · · · · · · · · ·	•	
Sample Depth: //	Core Leng	gth: NA		_	
Sample Description: Sediment / Soil Type (ex. Lacustrine, '	Wetland, B H	orizon, Outwash	, Etc.)		
Munsell Color: Molerate Molor to Brown	Grain Size	: M. San			
Sample Description Foreign Material: Mox					
Appearance: Clean					
Comments:					

Soil Sampling Field Data Client/Project Name: Pratt Whitney X1941
Project Location: E. Harfford CT Project #: 93-221/47 Sampling Location Environmental Sample #: N/k = X/94 - S - O/4/ # 20x #2 Field Services Sample Location Info See Map Date: 5/15/95 Time: 13:52

mpler: 17 Weather: Clocky Sample Data Container Quantity Preservative Ice G (4.) Sampler: 17 Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other Hand Field decon: Yes / No Dedicated Type of Sample: Grab Composite / Other _____ Description Data Organic Vapor Reading: NA Instrument: NA Sample Depth: _/ Core Length: NA Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.)

Munsell Color: 9nolush Yellash Brown Grain Size: M. Sun!

Sample Description Foreign Material: _ Mu-

Clean

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Appearance:

Soil Sampling Field Data Client/Project Name: Pratt Whitney X1941 Project #: 93-221/67 Sampling Location Environmental Sample #: Nk = X194 - S - 061A Zac to Field Services Sample Location Info Sec Map Sample Data Preservative Container Quantity Date: 5/15/95 Time: 47:13:53 Ice 6 (4.) Sampler: 17 Weather: Cloudy Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other Hand Field decon: Yes / No Dedicated Type of Sample: Grab Composite / Other _____ Description Data Organic Vapor Reading: NA Instrument: NA

Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.)

Munsell Color: Molune Wellowh Brown Grain Size: m Sand

Sample Description Foreign Material: ______

Core Length: NA

Appearance:	Clean	

Sample Depth: 1

Soil Sampling Field Data

Client/Project Name: D. H. // Taxx X/9/				
Client/Project Name: Pratt Whitney X19-1 Project Location: E Hartford CT	Sami	93-221/c7	nn F	nvironmental
Sample #: NK = X194 - S - 090A	20			eld Services
Sample Location Info				
Sec Map				
			·	
Sample Data		Container	Quantity	Preservative
Date: 5/15/95 Time: 13.59 Sampler: 17 Weather: Closhy	_	G ("1)	,	Tee
Sampling Device: Auger / Core Sampler / Shovel / Split Sp Trowel / Other	ooon			
Field decon: Yes / No / Dedicated				
Type of Sample: Grab Composite / Other				
Description Data		L		
Organic Vapor Reading: NA	Instrumen	t: <u>NA</u>	<u>_</u>	
Sample Depth:	Core Leng	oth: NA		
Sample Description: Sediment / Soil Type (ex. Lacustrine, \	Wetland, B H	orizon, Outwash	, Etc.)	
Munsell Color: Malunk Yellast 13 mm	Grain Size	: M. Sam	1	
Sample Description Foreign Material:				
Appearance: Clan				
Comments:				

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Soil Sampling Fie	ld Data		
Client/Project Name: Pratt: Whitney X19-1 Project Location: E Hartfurd CT Sample #: Nk = X194 - S - 042 A	oject#: 93-221/47 Sampling Locati 2,4#3		ironmental d Services
Sample Location Info	<u> </u>		a 00111003
Sec Map			
Sample Data	Container	Quantity	Preservative
Date: 5/15/95 Time: 13.65 Sampler: 17 Weather: Closely	- G ("y)	1	Ice
Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other Hand. Field decon: Yes / No K Dedicated			
Type of Sample: Grab Composite / Other			
Description Data			
Organic Vapor Reading: NA In	strument: NA		
Sample Depth: Co	ore Length: <u>NA</u>		
Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetla	and, B Horizon, Outwash	, Etc.)	
Munsell Color: Mulant Yellowh Brown G	rain Size: M. Sar.		
Sample Description Foreign Material: Mu	_		
Appearance: Clam			

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Soil Sampling Field Data Client/Project Name: Fratt Whitney X19-1 Project #: 93-221/67 Project Location: E. Harfford CT Sampling Location Environmental Field Services Sample Location Info Sec Map Sample Data Container Preservative Quantity Date: 5/15/95 Time: 8.15 6 (4.1) يرر Weather: Closely Sampler: 1/2 Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other Hand Field decon: Yes / No / Dedicated Type of Sample: Grab Composite / Other ____ Description Data Organic Vapor Reading: NA Instrument: NA Sample Depth: __/____ Core Length: NA Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.)

Munsell Color: M. Land Yelloush Brown Grain Size: M. Sand

Sample Description Foreign Material: Mrc

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Appearance: Clem

Soil Sampling Field D	ata			
Client/Project Name: Pra #: Whitney X-194 Project #	: 93-221/67	909000000000000000000000000000000000000	-	
	pling Location		rironmental	
imple #: NK - X/94-S-1/30 Zon	_, *3	Fiel	d Services	
Sample Location Info				
Su Map				
Communication Date			T	
Sample Data Date: Time: _8 //	Container	Quantity	Preservative	
Date: Time: Sampler: Weather:	a (4, 1	/	\mathcal{I}	
Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/ Hand				
Field decon: Yes / No / Dedicated				
Type of Sample: Grab'/ Composite / Other				
escription Data				
Organic Vapor Reading: Instrument	nt: M			
Sample Depth: 177 Core Length: 177				
Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B l	Horizon, Outwash	ı, Etc.)		
Munsell Color: Millonk Jellonk Brown Grain Siz	re: <u>M &n.</u>			
Sample Description Foreign Material:				
Appearance: Clean				

Soil Sampling Field Data Client/Project Name: Pratt Whitney X19-1 Project #: 93-221/67 Project Location: E. Harfford CT Sampling Location ample #: $Nk = \frac{194 - S - 144}{2000}$ Sampling Location Environmental Field Services Sample Location Info Sec Map Sample Data Preservative Container Quantity Date: 5/15/95 Time: $2 \cdot 13$ Sampler: 17 Weather: Clocky 6 (4.) I. Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other Hand Field decon: Yes / No Dedicated Type of Sample: Grab Composite / Other ____

escription Data

Organic Vapor Reading: NA Instrument: NA

Sample Depth: _/ Core Length: _____

Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.)

Munsell Color: Milland Brash Grain Size: M. Sand

Sample Description Foreign Material: Mm

Appearance: Clar

Soil Sampling F	ield Data	
Client/Project Name: Pratt Whitney X19-1 Project Location: E Harford CT Sample #: NK - X194 - S - 115	Project #: 93-221/67	
Project Location: E Harford CT	Sampling Location	Environmental
Sample #: N/k- X/94 - S - H5	2m #3	Field Services
Sample Location Info		
Sec Map		
Sample Data	Container	Quantity Preservative
Date: 5/15/95 Time: 13.39	6 (49)	1 Ica
Sampler: Dawly Weather: Clarky		
Sampling Device: Auger / Core Sampler / Shovel / Split Spo	on	
Trowel / Other/Hand Field decon: Yes / No (Dedicated)		
Type of Sample: Grab Composite / Other		
Description Data		
Organic Vapor Reading: NA	Instrument: NA	_
Sample Depth: _/'	Core Length: NA	~
Sample Description: Sediment / Soil Type (ex. Lacustrine, W	etland, B Horizon, Outwash, E	tc.)
Munsell Color: Michael Willing Blan	Grain Size: 77 M. Sam	<u>/.</u>
Sample Description Foreign Material: Mr.		
Appearance: Clean		

Soil Sampling Field Data Client/Project Name: Pratt: Whitney X1941 Project #: 93-221/67 Sampling Location Project Location: E. Harfford CT Environmental 'ample #: Nk- X1941-S-116 Zone #3 B.Hz Field Services Sample Location Info See Map Sample Data Container Preservative Quantity Date: 5/15/95 Time: 8:07

mpler: 177 Weather: Clocky G ("1) Ica Sampler: 177 Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/Hand Field decon: Yes / No / Dedicated Type of Sample: Grab Composite / Other _____ **Description Data** Organic Vapor Reading: NA Instrument: NA Core Length: NA Sample Depth: _/ ____ Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.)

Munsell Color: Malack Yelland Brown Grain Size: M Sund

Sample Description Foreign Material: Non

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Appearance: Clian

Soil Sampling Field Data Client/Project Name: Pra # : Whitney X1941 Project #: 93-221/c7 Project Location: S. Hantford of Sampling Location Sample #: NK - KM4 - 5 - 033 Sampling Location Environmental Field Services 4 Sample Location Info See Map Sample Data Container Quantity Preservative Date: <u>5/14/95</u> Time: <u>10>27</u>
Sampler: <u>7</u> Weather: <u>Clean</u> Time: 10>27 G- (4-1) 工 Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Field decon: Yes / No / Dedicated Type of Sample: Grab Composite / -Description Data Organic Vapor Reading: _______ Instrument: NA Core Length: N-A Sample Depth: Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Munsell Color: Proling bong Grain Size: M Emel Sample Description Foreign Material:

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Appearance:

Soil Sampling Field Data Client/Project Name: Pra # : Whitney X1941 Project #: 93-221/c7 Project Location: S. Hafford of Sampling Location

Sample #: NK - X94 - 5 - 057 A Sampling Location Sampling Location Environmental Field Services SR Sample Location Info Su Map Sample Data Container Quantity Preservative Date: <u>5/14/95</u> Time: <u>/0.23</u>
Sampler: <u>J.</u> Weather: <u>Clean</u> G- (4-1) Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/Hand Field decon: Yes / No / Dedicated Type of Sample: Grab Composite / Other _____ Description Data Organic Vapor Reading: NA Instrument: NA Core Length: N-A Sample Depth: __//_____ Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.)

Grain Size: M. Sand

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Appearance: Chan

Comments:

Munsell Color: 12 4 las apar orange

Sample Description Foreign Material:

Soil Sampling Field Data Client/Project Name: Pra # : Whitney X1941 Project #: 93-221/c7 Project Location: S. Hantford of Sampling Location

Sample #: NX - X94 - 5 - 0XA

Zame

Za Sampling Location Environmental Field Services Sample Location Info See Map Sample Data Container Quantity Preservative Date: <u>5/14/95°</u> Sampler: *5* Time: Long G- (4-1) Weather: Class Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/ Hand Field decon: Yes / No / Dedicated Type of Sample: Grab Composite / Other ____ Description Data Instrument: <u>NA</u> Organic Vapor Reading: MA Core Length: N-A Sample Depth: Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.)

Grain Size: _____

Comments:

Appearance: (Gan

Munsell Color: The Political Colors

Pak Yellowsh Brown

Sample Description Foreign Material: ______

Soil Sampling Field Data Client/Project Name: Pra # : Whitney X1941 Project #: 93-221/c7 Project Location: S. Harfford c'T Sampling Location Environmental Field Services Sample Location Info Su Mayo Sample Data Container Quantity Preservative Date: <u>5/14/95</u> Sampler: <u>0</u> Time: 10 117 G (4-1) $\overline{\mathcal{L}}$ Weather: Clean Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/ Hand Field decon: Yes / No / Dedicated Type of Sample: Grab Composite / -Description Data Organic Vapor Reading: ______ Instrument: NA Sample Depth: Core Length: N-A Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Munsell Color: Moderate Yelling & from Grain Size: 📉 🔊

Comments:

Appearance: nec (lan.

Sample Description Foreign Material:

Soil Sampling Field Data Client/Project Name: Prati: Whitny X1941
Project Location: S. Hartford CT Project #: 93-221/c7 Sampling Location Environmental Sample #: ルメ-メタルー 5 ー ロルメチョー フル・#2 Field Services Sample Location Info Su Map Sample Data Container Preservative Quantity Time: _10.5 Date: <u>5/16/95</u> G (4/-) I 1 -Weather: _Clean Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Field decon: Yes / No / Dedicated Type of Sample: Grab Composite / Other Description Data Instrument: NA. Organic Vapor Reading: ______ Core Length: NA Sample Depth: _____ Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Munsell Color: malual Yelow Brown Grain Size: M. Sun Appearance: (Gan

Soil Sampling Field Data Client/Project Name: Pra #: Whitney X/94/ Project #: 93-221/c7 Project Location: S. Harfford ct Sampling Location **Environmental** Sample #: NK - X94 - 5 - OU3 N Z 2 2 Field Services Sample Location Info Su Map Sample Data Container Quantity Preservative Date: <u>5/16/95</u> Time: <u>10:25</u>
Sampler: <u>7</u> Weather: <u>Class</u> G- (4-1) \sum Weather: Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Field decon: Yes / No / Dedicated Type of Sample: Grab Composite / Description Data Organic Vapor Reading: ____A____ Instrument: NA Core Length: N-A Sample Depth: Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Munsell Color: 2h last flat Buy Grain Size: m Sand Sample Description Foreign Material:

Comments:

Appearance: Char

Soil Sampling Field Data Client/Project Name: Pra # : Whitney X1941 Project #: 93-221/c7 Project Location: S. Hantford of Sampling Location

Sample #: NX - X94 - 5 - OU3 1 2 2 42 Sampling Location Environmental Field Services Sample Location Info Su Majo Sample Data Container Quantity Preservative Date: <u>5/14/95</u> Time: <u>10:23</u>
Sampler: <u>Of</u> Weather: <u>Clean</u> G (4-1) \supset Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Field decon: Yes / No / Dedicated Type of Sample: Grab Composite / Description Data Organic Vapor Reading: NA Instrument: NA Core Length: NA Sample Depth: _____ Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.)

Grain Size: m Sand

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Appearance: China

Comments:

Munsell Color: Malack Willow Day

Sample Description Foreign Material: _____

Soil Sampling Field Data Client/Project Name: Pra # : Whitney X1941
Project Location: S. Hentford CT Project #: 93-221/c7 Sampling Location Environmental Sample #: NX-X94-5-046 A 2004 #2 Field Services Sample Location Info See Map Sample Data Preservative Container Quantity Date: <u>5/14/95</u> Time: <u>10:12</u>
Sampler: <u>7</u> Weather: <u>Clear</u> G- (4-) Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/ Hand Field decon: Yes / No / Dedicated Type of Sample: Grab Composite / Description Data Organic Vapor Reading: VA Instrument: NA Core Length: N-A Sample Depth: __/____ Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Grain Size: 12 Sand. Munsell Color: Product Vallach from

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Appearance: Chah

Comments:

Sample Description Foreign Material: _____

Soil Sampling Field Data Client/Project Name: Pra # : Wh: Truy X1941 Project #: 93-221/c7 Sampling Location Project Location: S. Hantford of Sampling Location Sample #: NK - X94 - 5 - OUTA 72 #3 Environmental Field Services Sample Location Info See Map Sample Data Container Quantity Preservative Date: <u>5/14/95</u> Sampler: <u>07</u> G (4-1) I Weather: _Clean_ Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/ Hand Field decon: Yes / No / Dedicated Type of Sample: Grab Composite / Description Data Organic Vapor Reading: Instrument: NA. Core Length: N-A Sample Depth: ______ Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Munsell Color: Milah Brown Grain Size: m Sand Sample Description Foreign Material: _____

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Appearance: (fiam

Soil Sampling Field Data Client/Project Name: Pra # : Whitney X1941 Project #: 93-221/c7 Sampling Location Project Location: S. Harfford c'T Environmental Sample #: ルメ-メタサー 5 ー から2X 年 *** | Zル サク Field Services Sample Location Info See Map Sample Data Container Quantity Preservative Date: <u>5/16/95</u> Time: Lo co G- (4-1) 1 卫 Sampler: 07 Weather: Clean Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/ Hand Field decon: Yes / No / Dedicated Type of Sample: Grab Composite / Description Data Organic Vapor Reading: Instrument: NA Core Length: N-A Sample Depth: _/ '__ Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Grain Size: M. Sant Munsell Color: Product Allan Brown

Comments:

Appearance: (learn

Sample Description Foreign Material: ______

Soil Sampling Field Data Client/Project Name: Pra # : Whitney X1941
Project Location: S. Hartford CT Project #: 93-221/c7 Sampling Location Environmental Sample #: NX - X94 - 5 - 054# 200 #2 Field Services Sample Location Info Su Map Sample Data Container Quantity Preservative Time: 10.93 Date: <u>5/16/95</u> G (4-1) 1 - $\overline{\mathcal{L}}$ Sampler: 07 Weather: Clean Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/ Hand Field decon: Yes / No / Dedicated Type of Sample: Grab Composite / Other ____ Description Data Instrument: NA. Organic Vapor Reading: NA Core Length: N-A Sample Depth: _/____ Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Munsell Color: 22 Author Bron Grain Size: 92 Sand

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Appearance: Cham

Comments:

Sample Description Foreign Material: m-

Soil Sampling Field Data Client/Project Name: Pra # : Whitney X1941 Project #: 93-221/c7 Sampling Location Project Location: S. Hartford ct Environmental ample #: NX - X94 - 5 - 1777 A 2 2 42 Field Services Sample Location Info See Map Sample Data Container Quantity Preservative Date: 5/14/95 Time: 10 b7
Sampler: 07. Weather: Clean G- (4-1) エ Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/ Hand Field decon: Yes / No / Dedicated Type of Sample: Grab Composite / Description Data Organic Vapor Reading: NA Instrument: NA Core Length: N-A Sample Depth: _____ Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.)

Grain Size: 22 Sand

Comments:

Appearance:

Munsell Color: Modert Villa & Brom

Sample Description Foreign Material:

Soil Sampling Field Data Client/Project Name: Patt: Whiting X1941 Project #: 93-221/c7
Project Location: S. Hantford cT Sampling Location

ample #: NX-X94-5-062A Zov.#2 Project #: 93-221/c7 Sampling Location Environmental Field Services Sample Location Info Su Majo Sample Data Container Quantity Preservative Date: <u>5/14/95</u> Time: <u>10</u> ° G- (4-1) \mathcal{I} 1 -Weather: Class Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/ Hand Field decon: Yes / No / Dedicated Type of Sample: Grab Composite / Other ____ escription Data Organic Vapor Reading: MA Instrument: *NA*. Core Length: NA Sample Depth: _/____ Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Munsell Color: Malerda Yollaush Brown Grain Size: M. Sund Sample Description Foreign Material: //

Comments:

Appearance: (Penn

Soil Sampling Field Data Client/Project Name: Project #: 93-221/c7

Project Location: S. Hanfford cT Sampling Location

Sample #: NX-X94-5-09419 Environmental Field Services Sample Location Info Su Map Sample Data Container Quantity Preservative Date: 5/16/95 Time: _ 9 - 28 G (4-1) 1 工 Sampler: __ OF. Weather: _Clean_ Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Field decon: Yes / No / Dedicated Type of Sample: Grab Composite / Other Description Data Organic Vapor Reading: NA Instrument: NA Core Length: N-A Sample Depth: Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Munsell Color: Mand Yellah Drown Grain Size: M. Sand

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Appearance: (1, m.

Comments:

Sample Description Foreign Material: ______

Soil Sampling Field Data Client/Project Name: Pa # : Wh: Truy X194 Project #: 93-221/c7 Project Location: S. Harford ct Sampling Location Environmental Sample #: NX-X94-5-0964 Zn # X 3 Field Services Sample Location Info See Map Sample Data Container Quantity Preservative Time: 9.22 Date: <u>5/14/95</u> Sampler: <u>0</u> G- (4-1) Weather: Clean Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/ Hand Field decon: Yes / No / Dedicated Type of Sample: Grab Composite / Description Data Organic Vapor Reading: NA Instrument: NA Sample Depth: __/____ Core Length: N-A Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Munsell Color: Mederal Velland Brown Grain Size: M. Sand Sample Description Foreign Material:

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Appearance:

Comments:

Clan

Soil Sampling Field Data Client/Project Name: Pra # : Whitney X1941 Project #: 93-221/c7 Project Location: S. Hafford of Sampling Location

Sample #: NX - X94 - 5 - 112 Sampling Location

Zonu #3 Sampling Location Environmental Field Services Sample Location Info Su Map Sample Data Container Quantity Preservative Date: 5/14/95 Time: 9:26 G- (4-1) Sampler: 07 Weather: Class Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Field decon: Yes / No / Dedicated Type of Sample: Grab Composite / Description Data Organic Vapor Reading: _______ Instrument: NA Core Length: N-A Sample Depth: 1.0 Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Munsell Color: Moderat Killowsk Bran Grain Size: M. Sund

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Appearance:

Comments:

Clan

Soil Sampling Field Data Client/Project Name: Pra H: Whitney X1941 Project #: 93-221/c7 Project Location: S. Hartford ct Sampling Location Environmental Sample #: NX - X94 - 5 - 18 2 2 2 12 Field Services Sample Location Info Su Map Sample Data Container Quantity Preservative Time: 1011 G- (4-1) \mathcal{I} Weather: Co-Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/ Hand Field decon: Yes / No / Dedicated Type of Sample: Grab Composite / Description Data Organic Vapor Reading: MA Instrument: NA Core Length: N-A Sample Depth: __/ '__ Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Munsell Color: Moderat VII Bren Grain Size: M San Sample Description Foreign Material:

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Comments:

Appearance: Officer

Soil Sampling Field Data Client/Project Name: Project #: 43-221/c7

Project Location: S. Hantford cT Sampling Location

Sample #: NX - X94 - 5 - 19 Sampling Location Environmental Field Services Sample Location Info Su Map Sample Data Container Quantity Preservative Date: <u>5/14/95</u> Time: <u>9.28</u> G- (4-1) Γ 1 Weather: Clean Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/ Hand Field decon: Yes / No / Dedicated Type of Sample: Grab Composite / Other ____ Description Data Organic Vapor Reading: MA Instrument: NA Core Length: N-A Sample Depth: _//_____ Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Munsell Color: 400 hours Ellow & Bown Sample Description Foreign Material: Appearance: Alun

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Soil Sampling Field Data Client/Project Name: Pa#: Whitny X/94/ Project #: 93-221/
Project Location: S. Hantford CT Sampling Location
Sample #: WK-X94-5-120 Sample #2 Project #: 93-221/c7 Sampling Location Environmental Field Services Sample Location Info See Map Sample Data Container Preservative Quantity Date: <u>5/14/95</u> Time: _ 9.35 G- (4-1) 1 Sampler: <u>87</u> Weather: Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/ Hand Field decon: Yes / No / Dedicated Type of Sample: Grab Composite / Other Description Data Organic Vapor Reading: MA Instrument: MA Core Length: N-A Sample Depth: ______ Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Munsell Color: Producte Yellar Ban Grain Size: 37 Jan/

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Appearance:

Comments:

Soil Sampling Field Data Client/Project Name: Pra # : Whitney X1941 Project #: 93-221/c7 Project Location: S. Hartford ct Sampling Location Environmental Sample #: NK-X94-5-0121 200 #3 Field Services Sample Location Info See Map Sample Data Container Preservative Quantity Date: <u>5/16/95</u> Time: <u>9.73</u>
Sampler: <u>Of</u> Weather: Class G (4-1) \mathcal{I} Weather: Class Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Field decon: Yes / No / Dedicated Type of Sample: Grab Composite / Description Data Organic Vapor Reading: NA Instrument: NA Core Length: NA Sample Depth: / Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Munsell Color: grobinal Wilah Brown Grain Size: M Sand Sample Description Foreign Material: Appearance: Clum

Soil Sampling Field Data Client/Project Name: Pra # : Wh: Truy X1941 Project #: 93-221/c7 Sampling Location Project Location: S. Hanfford ct Environmental Sample #: NX-X94-5-012 Zone #3 Field Services Sample Location Info See Map Sample Data Container Preservative Quantity Time: 9 .47 Date: <u>5/16/95</u> G- (4-1) \mathcal{I} Sampler: ________ Weather: Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/ Hand Field decon: Yes / No / Dedicated Type of Sample: Grab Composite / Description Data Organic Vapor Reading: NA Instrument: NA. Core Length: N-A Sample Depth: _/ Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Grain Size: Mand Munsell Color: Melegal Mond Bun Sample Description Foreign Material:

Comments:

Appearance: Clean

Soil Sampling Field Data Client/Project Name: Patt: Whitney X1941 Project #: 93-221/c7 Sampling Location Project Location: S. Hantford ct Environmental Field Services Sample Location Info Su Map Sample Data Container Preservative Quantity Date: 5/16/95 Time: 9:53 G (4-1) 1 I Weather: _____ Sampler: __OF Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/ Hand Field decon: Yes / No / Dedicated Type of Sample: Grab Composite /
Other _____ **Description Data** Organic Vapor Reading: MA Instrument: NA Core Length: N-A Sample Depth: / Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Munsell Color: Moderate Wint Brown Grain Size: 12 Sund Sample Description Foreign Material:

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Appearance: Clan

Soil Sampling Field Data Client/Project Name: Pratt: Whitrey X194 Project #: 93-221/c7 Sampling Location Project Location: E. Hartford CT Environmental Sample #: NK-X194-S-119D Zone #3 Field Services Sample Location Info Ser May Sample Data Container Quantity Preservative Date: 5/4/95 Time: 16:44 (42) Weather: Clarke Pain Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other Idans Field decon: Yes / No Dedicated Type of Sample: Grab / Composite / Other ___ Pescription Data Instrument: NA. Organic Vapor Reading: NA Core Length: NA Sample Depth: _/ 「 Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.)

Munsell Color: M. lende Yellon & Brown Grain Size: fr Sa

Sample Description Foreign Material:

Comments:

Appearance: Clean

Soil Sampling F	ield Data		
Client/Project Name: Project Location:	Project #: 93-221/c7 Sampling Location	n Fn	vironmental
`ample #: N/k ~ X/94/~ S = 033F		\$335333 3	ld Services
Sample Location Info			
Su Map.			
Sample Data	Container	Quantity	Preservative
Date: 5/18/95 Time: 13:50 Sampler: 07 Weather: Clean	G (%)))	I
Sampling Device: Auger / Core Sampler / Shovel / Split Spo Trowel / Other Hand Field decon: Yes / No Dedicated Type of Sample: Grab / Composite / Other	on		
escription Data			
Organic Vapor Reading: / / /	Instrument: 12		
Sample Depth:	Core Length: NA		
Sample Description: Sediment / Soil Type (ex. Lacustrine, W	etland, B Horizon, Outwash, I	Etc.)	
Munsell Color: M. Lunch Fellent Brann	Grain Size: M Sond		
Sample Description Foreign Material: <u>Sin Organic</u>	<i>s</i>		
Appearance: Clean,			

Soil Sampling Field Data Client/Project Name: Pratt: Whitney X194 Project #: 93-221/c7 Sampling Location Project Location: E. Hartford CT Environmental Sample #: NK - X/94-S- 038B Zone #3 Field Services Sample Location Info See May Sample Data Container Quantity Preservative Time: 15 45 Date: 5/18/95 G (49) Sampler: 🔎 Weather: Only Pain Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other Idans Field decon: Yes / No Dedicated Type of Sample: Grab / Composite / Other ____ Description Data Instrument: NA. Organic Vapor Reading: NA Sample Depth: _/ _ Core Length: NA Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Munsell Color: M. Levate Yella & Bown

Grain Size: fr - Sa

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Appearance: Clean

Comments:

Soil Sampling Field Data Client/Project Name: Pratt: Whitney X/94 Project #: 93-221/c7 Sampling Location Environmental Project Location: 2. Hartford CT Zne #3 Sample #: NK - X/94-S- 043 R Field Services Sample Location Info See May Sample Data Container Preservative Quantity Date: 5/18/95 Time: 15100
Sampler: De Weather: Clark, Pain G (42) Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other Hand Field decon: Yes / No Dedicated Type of Sample: Grab / Composite / Other _____ nescription Data Instrument: NA. Organic Vapor Reading: NA Sample Depth: _/ ' Core Length: NA Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Munsell Color: M. Lente Yella & Bown Grain Size: # Sa

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Appearance: Clean

Comments:

Soil Sampling Field Data Client/Project Name: Pratt: Whitney X194 Project #: 93-221/c7 Sampling Location Project Location: 2. Hartford CT Environmental Sample #: NK-X194-5- 82A 2mm Field Services Sample Location Info her May Sample Data Container Quantity Preservative Date: 5/19/95 Time: 15-17 G (42) Weather: Och Pain Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other Irand Field decon: Yes / No Dedicated Type of Sample:(Grab / Composite / Other _____ Description Data Instrument: NA. Organic Vapor Reading: NA Sample Depth: _/ _ Core Length: NA Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Munsell Color: M. Sunte Yella L Brown Grain Size: # Sar Sample Description Foreign Material:

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Appearance: Clean

Soil Sampling Field Data Client/Project Name: Pratt: Whitney X194 Project #: 93-221/c > Sampling Location Project Location: 2. Hartford CT Environmental Fample #: NK - X194 - S - 092 B - 2-43 Field Services Sample Location Info her May Sample Data Container Preservative Quantity Date: 5/18/95 Time: 15:32 G (49) \mathcal{I} 1 -Sampler: Weather: Conty Pain Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other (Yand Field decon: Yes / No Dedicated Type of Sample:(Grab / Composite / Other ____ Pescription Data Instrument: NA. Organic Vapor Reading: NA Sample Depth: _/ ____ Core Length: NA Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Munsell Color: M. Lesate Yella & Brewn Grain Size: # Sar Sample Description Foreign Material: Appearance: Clean

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Soil Sampling Field Data Client/Project Name: Pratt: Whitney X194 Project #: 93-221/c7 Sampling Location Project Location: 2. Hartford CT Environmental Zoni #3 ?ample#: Nk-Xi44-s- 096A B Field Services Sample Location Info Ses May Sample Data Container Quantity Preservative Date: 5/17/95 Time: __/5:09 G (42) I Weather: Only Pain Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other Idand Field decon: Yes / No Dedicated Type of Sample: Grab / Composite / Other _____ escription Data Instrument: NA. Organic Vapor Reading: MA Sample Depth: _/ _ Core Length: NA Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Munsell Color: M. Lesate Yella & Brown Grain Size: 19 - Sa

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Appearance: Clean

. Comments:

Soil Sampling Field Data Client/Project Name: Pratt: Whitney X194 Project #: 93-221/c7 Sampling Location Environmental Project Location: ample #: Nk-x194-s-099A Zone#3 Field Services Sample Location Info See Map Sample Data 18 56 Container Preservative Quantity Date: 5/16/95 Time: 1330 G- (4) \mathcal{I} 1 Weather: Clarky Sampler: 177 Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/ Hand Field decon: Yes / No / Dedicated Type of Sample Grab Composite / Other _____ Pescription Data Organic Vapor Reading: NA Instrument: NA Core Length: M Sample Depth: 6" Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.)

Grain Size: M Sans!

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Appearance: Clean

Comments:

Munsell Color: M. leak Ilash Bran

Soil Sampling Field Data Client/Project Name: Pratt: Whitney X194 Project #: 93-221/c7 Sampling Location Environmental Project Location: 2. Hartford CT 2m #3 Field Services Sample #: _ N K - X P4 - S - 112 A Sample Location Info Sample Data Container Preservative Quantity Time: /5 /1/1 Date: 5/19/95 G (49) Weather: Conh Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other Idans Field decon: Yes / No Dedicated Type of Sample: Grab / Composite / Other _____ Description Data Instrument: NA. Organic Vapor Reading: NA Sample Depth: _/ ____ Core Length: NA Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Munsell Color: M. Sente Yella, L. Brown Grain Size: 57-50

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Appearance: Clean

Comments:

Soil Sampling Field Data Client/Project Name: Pratt: Whitney X194 Project #: 93-221/c7 Sampling Location Project Location: E. Hartford CT Environmental Zm #3 Sample #: NK - XIII - 5 - 11814 Field Services Sample Location Info her May Sample Data Container Quantity Preservative Date: 5/18/95 Time: 15:38

mpler: Weather: Clonky Pain (4) Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other Irland Field decon: Yes / No Dedicated Type of Sample: Grab / Composite / Other -Description Data Instrument: NA. Organic Vapor Reading: NA Sample Depth: / Core Length: NA Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Munsell Color: M. Sente Yella & Brown Grain Size: fr - Sa Sample Description Foreign Material:

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Appearance: Clean

Soil Sampling Field Data Client/Project Name: Pratt: Whitney X194 Project #: 93-221/c7 Sampling Location Project Location: E. Hartford CJ Environmental Sample #: NK-X194-S-119 A Zon #3 Field Services Sample Location Info her May Sample Data Container Quantity Preservative Time: 14:34 Date: 5/19/95 L (42) Weather: Only Pain Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other Hand Field decon: Yes / No / Dedicated Type of Sample: Grab / Composite / Other Description Data Instrument: NA. Organic Vapor Reading: NA Sample Depth: _/ _ Core Length: NA Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Moderate Reddesh Brown
Munsell Color: Mande Holland Brown
10846 Grain Size: franch Sample Description Foreign Material:

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Appearance: Clean

Soil Sampling Field Data Client/Project Name: Pratt: Whitney X194 Project #: 93-221/c7 Sampling Location Project Location: 2. Hartford CT Environmental Zone #3 Field Services Pample #: NK - X144-S- 120 A Sample Location Info See May Sample Data Container Quantity Preservative Date: 5/18/95 Time: 14:42 6 (47) I 1/ Weather: Only Pain Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other Idand Field decon: Yes / No Dedicated Type of Sample: Grab / Composite / Other ____ Description Data Instrument: NA. Organic Vapor Reading: NA Sample Depth: / Core Length: NA Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Munsell Color: M. Ande Yella L Brown Grain Size: fr Su

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Appearance: Clean

Comments:

Soil Sampling Field Data Client/Project Name: Pratt: Whitney X194
Project Location: E. Hantford CT Project #: 93-221/c7 Sampling Location Environmental Sample #: NK-X194-S- 121A Zone # 3 Field Services Sample Location Info See May Sample Data Container Quantity Preservative

Date: 5/19/95 Time: 14:39	6 (40)	1-	I
Sampler: Weather: Clocky Pain			l
Sampling Device: Auger / Core Sampler / Shovel / Split Spoon			
Trowel / Other Idand Field decon: Yes / No Dedicated			
Field decoil. Yes / Nov Dedicated			
Type of Sample: Grab / Composite /			
Other			

_Description Data

Organic Vapor Reading: <u>NA</u>	Instrument: NA.
Sample Depth:	Core Length: NA
Sample Description: Sediment / Soil Type (ex. Lacustrine, W	etland, B Horizon, Outwash, Etc.)
	M. Sand
Munsell Color: M. Serwa Yella & Brown	Grain Size: # Sa
Sample Description Foreign Material:	
Appearance: Clean	

Soil Sampling Field Data Client/Project Name: Pratt: Whitray X194 Project #: 93-221/c7 Sampling Location Project Location: E. Hartford CT Environmental ample #: NK - XV94-S- 122A Zone #3 Field Services Sample Location Info her Map Sample Data Container Quantity Preservative Date: 5/19/95 Time: 141:34 6 (42) Sampler: _____ Weather: Only Rain Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other Island Field decon: Yes / No Dedicated Type of Sample:(Grab / Composite / Other _____ Pescription Data Instrument: NA. Organic Vapor Reading: MA Core Length: NA Sample Depth: / Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Munsell Color: M. Sente Yella & Bown Grain Size: 57 - Sa

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Appearance: Clean

Comments:

Soil Sampling Field Data Client/Project Name: Pratt: Whitney X194 Project #: 93-221/c7 Sampling Location Environmental Project Location: E. Hartford CJE Zone #3 Sample #: <u>// k - x/34 - s - 122 p p</u> ______ Field Services Sample Location Info her May Sample Data Container Preservative Quantity Date: 5/19/95 Time: 14:38
Weather: Och, Rain 6 (4g) 1/ Sampler: Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other Idans Field decon: Yes / No Dedicated Type of Sample: (Grab / Composite / Other _____ nescription Data Instrument: NA. Organic Vapor Reading: NA Sample Depth: / Core Length: NA Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Munsell Color: M. Sent Yella & Bown Grain Size: fr - Sa

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Appearance: Clean

Comments:

Soil Sampling Field Data Client/Project Name: Pratt: Whitney X194 Project #: 93-221/c7 Sampling Location Project Location: E. Hartford CT **Environmental** `ample #: NK - XI94-5- 123 A Zone #3 Field Services Sample Location Info See Map Sample Data Container Preservative Quantity Date: 5/17/95 Time: 14/23
Sampler: Weather: Clocky Rain G (49) Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/Idand Field decon: Yes / No / Dedicated Type of Sample: Grab / Composite / Other ____ 'escription Data Instrument: NA. Organic Vapor Reading: NA Sample Depth: _/ _____ Core Length: NA Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.)

Munsell Color: M. Isake Yellow & Brown Grain Size: 57 - Sa

Sample Description Foreign Material:

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Appearance: Clean

Comments:

revised 07/14/93

Soil Sampling Field Data Client/Project Name: Pra # : Wh they X-194 Project #: 93-221/c7 Project Location: E. Has Hord. Sampling Location **Environmental** ample #: $N k - \chi_{IGV} = 3 - 057 B$ Sampling Location $Z_{\infty} \neq Z$ Field Services Sample Location Info Su Map Sample Data Container Quantity Preservative 6(49) 7 Weather: _ Clea Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/fland Field decon: Yes / No / Dedicated Type of Sample: Grab / Composite / Other _____ escription Data Organic Vapor Reading: 12 14 Instrument: AR Sample Depth: 12 Core Length: _____ Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.)

Munsell Color: Moderal Yelland Brown Grain Size: M. Sund,

Sample Description Foreign Material: 152

Comments:

Appearance: Clear

Soil Sampling Field Data

Son Sampling P	Teld Da	ala			
Client/Project Name: Pra # : Whitney X-194		93-221/67		Envir	onmental
Project Location: S. Ha, Had CT	_ Saiiii	oling Locati	OH		
ample #: NX - 2/94 - S - 091/8				Field	Services
Sample Location Info					
Le Map.					
Sample Data		Container	Quar	ntity	Preservative
Date: 5/2/95 Time: 15.00 Sampler: 000 Weather: 000		6 (4-,)	1		エ
Sampling Device: Auger / Core Sampler / Shovel / Split Sports / Other / Split Sports / Split Spo	oon				-
Other					
escription Data					
Organic Vapor Reading:	Instrument	: LF			į
Sample Depth: 1	Core Leng	th: <u>NF</u>		_	
Sample Description: Sediment / Soil Type (ex. Lacustrine, W	Vetland, B He	orizon, Outwasł	n, Etc.)		
Munsell Color: Brank Yellank Bran	Grain Size	: M. Sur	<u>/</u>		
Sample Description Foreign Material:					
Appearance:					

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Soil Sampling Field Data

Client/Project Name: Prat : Whitney. Project Location: [Hantford	Sam	Project #: 93-221/c > Sampling Location			ronmental
mple #: N/k-X/94-5-043c	<u> </u>	ne #y		Field	Services
Sample Location Info					
Su Map	·	•			
Sample Data		Container	Quan	ntity	Preservative
Date: 5/23/95 Time: 11.0° Sampler: 77 Weather: Clean		6 (4,,)	1		I
Sampling Device: Auger / Core Sampler / Shovel / Split Trowel / Other / Hand Field decon: Yes / No / Dedicated Type of Sample: Grab / Composite / Other	Spoon				
escription Data					
Organic Vapor Reading: NA	Instrumer	nt: WA			
Sample Depth: 1.5	Core Len	gth: <u>NA</u>		_	
Sample Description: Sediment / Soil Type (ex. Lacustrin	e, Wetland, B H	lorizon, Outwash	, Etc.)		
Munsell Color: Maland Malland Brown Sample Description Foreign Material: Mon	Grain Sizo	e: M San S			
Appearance: Cean					
Comments:	_				

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Soil Sampling Field Data Client/Project Name: Pratt : Whitney. Project #: 93-221/C7 Project Location: [. Hantford Sampling Location Environmental imple #: NK-X/94-5-118B Zm #3 Field Services Sample Location Info Su Map Sample Data Container Quantity Preservative Date: <u>7/23/95</u> Time: <u>10/5</u>9 6 (4,) I Sampler: 07 Weather: Clean Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/ Hand Field decon: Yes / No / Dedicated) Type of Sample; Grab Composite / escription Data Instrument: NA Organic Vapor Reading: NA Core Length: NA Sample Depth: _/____ Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Munsell Color: Maderal Vollowit Brown Grain Size: M SAND

Comments:

Sample Description Foreign Material: Cross : Rebus, Cobbles

Appearance: Old Congle Structure

Soil Sampling Field Data

Client/Project Name: Prat: Whitney. Project Location: E. Hantford mple #: N/k - X/94 - S - 1888 sample Location Info See Map	Project #: Sampling Loc Zone #3		Environmental Field Services
Sample Data	Containe	er Qua	ntity Preservative
Date: <u>5/23/95</u> Time: <u>/0:35</u> Sampler: <u>07</u> Weather: <u>Clean</u>	6 (4	((- I
Sampling Device: Auger / Core Sampler / Shovel / Split Spo Trowel / Other/ Hand Field decon: Yes / No / Dedicated Type of Sample: Grab Composite /	oon		
scription Data			
Organic Vapor Reading: NA	Instrument: WA		
Sample Depth: _/.5	Core Length: NH	<u> </u>	_
Sample Description: Sediment / Soil Type (ex. Lacustrine, W	/etland, B Horizon, Out	wash, Etc.)	
Munsell Color: 20. doa de Gellon, h. Brown 10.78571 Sample Description Foreign Material: 1000	Grain Size: 72	iene.	
Appearance: Can			

Soil Sampling Field Data

Project Location: E. Hantford Sa	#: 93-221/c7 mpling Locati Zore#3	on Env	vironmental Id Services
Sample Data	Container	Quantity	Preservative
Date: <u>5/23/95</u> Time: <u>10:35</u> Sampler: <u>17</u> Weather: <u>Clean</u>	6 (4,,)	1	I .
Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other Hand Field decon: Yes / No Dedicated Type of Sample: Grab Composite / Other			
scription Data			
	nent: WA	 -	
Sample Depth: 1.5 Core L	ength: NA		
Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, I	B Horizon, Outwash	, Etc.)	
Munsell Color: Manak Yelland Brown Grain S 10487 Sample Description Foreign Material: Man	Size: <u>902 Sam</u> ,	<u>/</u>	
Appearance: Clani Comments:			

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Soil Sampling	Field Data	
Client/Project Name: Pra #: Whitney X-194	Project #: 93-221/c7	
Project Location: 5. Hartfield CT	Sampling Location	Environmental
ample #: Nk - X194 - 5 - 1153D	Zore #3	Field Services
Sample Location Info		
Ser Map		
Sample Data	Container (Quantity Preservative
Date: 5/23/95 Time: 15.00 Sampler: Weather: Com	- 6(".)	, 2
Sampler: Weather:		
Sampling Device: Auger / Core Sampler / Shovel / Split S Trowel / Other	poon	
Field decon: Yes / No / Dedicated		
Type of Sample: Grab / Composite / Other		-
escription Data		
Organic Vapor Reading: A-A	Instrument: A.L.	_
Sample Depth: 213	Core Length:	
Sample Description: Sediment / Soil Type (ex. Lacustrine,	Wetland, B Horizon, Outwash, Et	c.)
Munsell Color: Malesk Yellask Brown	Grain Size: M. Sun!	
Sample Description Foreign Material: Looks		
Appearance: Clean.		

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Soil Sampling Field Data

(//		on Env	rironmental d Services
Sa Map			
Sample Data	Container	Quantity	Preservative
Date: 5726 MS Time: 10:20 Sampler: Weather: Clion	G (40,)	I	
Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other/ - Composite / Type of Sample: Grab / Composite / Other			
scription Data			
Organic Vapor Reading: 20 72 Instrum	nent: 🔏		
Sample Depth: Core Le	ength: <u>//P</u>		
Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, E			
Munsell Color: Meteral State Lover Grain S	Size: M Sanz		
Sample Description Foreign Material: Longe L. Plantz			
Appearance: Clim w/ Construction debra.			

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Soil Sampling Field Data Client/Project Name: Praff: Uk: Inu, X194 Project #: 93-221/C2

Project Location: E. Hantbird CT Sampling Location

Inple #: Nk-X194-S-122c // 97/ap 2m2 Environmental Field Services Sample Location Info La Map Sample Data Container Preservative Quantity Time: 9.58 Date: 5/26/95 C ("3) Sampler: OF Weather: Class Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other Hand Field decon: Yes / No / Dedicated Type of Sample: Grab / Composite / Other _____ scription Data Instrument: AA Organic Vapor Reading: 2/12 Core Length: PSample Depth: AF 2 Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Munsell Color: Mocket Yellanh Brown Grain Size: M. Sand Sample Description Foreign Material:

revised 07/14/93

Appearance: Clay

Soil Sampling Field Data Client/Project Name: Pra # : Wh; they X194/
Project Location: E. Hartford Project #: 93~221/c7 Sampling Location Environmental Sample #: 8 NK-8194-C-001 Sec 970p Zore? Field Services Sample Location Info See Map. Sample Data Container Quantity Preservative Date: <u>6//95</u>
Sampler: <u>O</u> V Time: 1/1:07 6(42) 工 Weather: Chan Wasn Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other Hannes D.11 Field decon: Yes / No Dedicated Type of Sample: Grab / Composite / Description Data Instrument: MA Organic Vapor Reading: M Sample Depth: Sund. Core Length: M Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Concrete

Grain Size: NA

Comments: Sampled after Scarafy, y.

Sample Description Foreign Material: Mac

Appearance:

Munsell Color: Crey

Clean.

Soil Sampling Field Data Client/Project Name: Pra#; Wh: tney X194 Project #: 93~221/c2 Project Location: ε. Harfford Sampling Location Environmental Sample #: @ NK-X94-C-002 Sec 970p Zore3 Field Services Sample Location Info See Map. Sample Data Container Quantity Preservative Time: 14:12 Date: <u>6//95</u> Sampler: <u>O</u> W I Weather: Clay Warm Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other Hant Henry D.11 Field decon: Yes / No Dedicated Type of Sample, Grab / Composite / Other _____ Description Data Instrument: M Organic Vapor Reading: Core Length: M Sample Depth: Sund. Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Concrete

Grain Size: MA

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Appearance:

Munsell Color: Crey

Sample Description Foreign Material: Ma

Comments: Sampled after Scarafyiz.

Soil Sampling Field Data Client/Project Name: Pra # : Wh; they X194 Project #: 93-221/c7 Sampling Location **Environmental** Project Location: E. Hartford Sample #: @ NK-N94-C-003 Sec 970p Zone3 Field Services Sample Location Info See Map. Sample Data Container Quantity Preservative Date: 6//95 Sampler: Time: 14:19
Weather: Chan, Wasm 6(42) 工 Sampling Device: Auger / Core Sampler / Shovel / Split Spoon Trowel / Other Hammer D.11 Field decon: Yes / No Dedicated Type of Sample: Grab / Composite / Description Data Organic Vapor Reading: M Instrument: M Core Length: 1 Sample Depth: Sample Depth: Sample Description: Sediment / Soil Type (ex. Lacustrine, Wetland, B Horizon, Outwash, Etc.) Concrete

Grain Size: MA

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Appearance:

Munsell Color: Cry

Clean.

Sample Description Foreign Material: Mac

Comments: Sampled after Scarafying.

US EPA New England RCRA Document Management System (RDMS) . Image Target Sheet

RDMS Document ID# 1162

Facility Name: PRATT & V	Facility Name: PRATT & WHITNEY (MAIN STREET)					
Phase Classification: <u>R-9</u>						
Document Title: <u>DRAFT, TECHNICAL MEMORANDUM 18</u> <u>BERYLLIUM CONTAMINATED SOIL REMEDIATION -</u> <u>AIRPORT/KLONDIKE AREA (06/22/99 TRANSMITTAL</u> <u>LETTER ATTACHED)</u>						
Date of Document: <u>01/01/0</u>	<u>001</u>					
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Document Title: <u>DRAFT</u> , <u>TECHNICAL MEMORANDUM 18</u> <u>BERYLLIUM CONTAMINATED SOIL REMEDIATION -</u> <u>AIRPORT/KLONDIKE AREA (06/22/99 TRANSMITTAL LETTER ATTACHED)</u>						
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Date of Document: <u>01/01/0</u>	<u>001</u>		
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